

FCC Radio Test Report

FCC ID : TOR-O435
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : O-435/ O-435E
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 29, 2024, and testing was started from Nov. 12, 2024 and completed on Feb. 04, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	17
1.3 Testing Location Information	17
1.4 Measurement Uncertainty	18
2 TEST CONFIGURATION OF EUT.....	19
2.1 Test Channel Mode	19
2.2 The Worst Case Measurement Configuration.....	31
2.3 Accessories	32
2.4 Support Equipment.....	32
2.5 Test Setup Diagram	33
3 TRANSMITTER TEST RESULT	34
3.1 Emission Bandwidth	34
3.2 Maximum Conducted Output Power	35
3.3 Peak Power Spectral Density.....	37
3.4 Unwanted Emissions.....	39
4 TEST EQUIPMENT AND CALIBRATION DATA.....	42
APPENDIX A. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX B. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX C. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX D. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX E. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.4	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20) be (EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40) be (EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80) be (EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160) be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming_Radio 0_Full RU_O-435

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX



5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Full RU_O-435

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Multi-RU_O-435

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Channel Puncturing_O-435

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

**Beamforming_Radio 0_O-435**

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

Beamforming_Radio 2_O-435

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

Non-Beamforming_Radio 0_Full RU_O-435E

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX



5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Full RU_O-435E

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Multi-RU_O-435E

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Channel Puncturing_O-435E

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

**Beamforming_Radio 0_O-435E**

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

Beamforming_Radio 2_O-435E

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

1.1.2 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH42	CH58	CH106	CH122	CH138	CH155	CH171
484+242	1		--	V	--	V	V	V	V
	2		V	V	V	V	V	V	V
	3		V	V	V	V	V	V	V
	4		V	--	V	V	--	V	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH		
		160	CH50	CH114	CH163
996+484	1		--	V	--
	2		V	V	V
	3		V	V	V
	4		V	--	V
996+484+242	1		--	V	V
	2		V	V	V
	3		V	V	V
	4		V	V	V
	5		V	V	V
	6		V	V	V
	7		V	V	V
	8		V	--	V

1.1.3 Worst case of MRU (static preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing
5. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested.

**1.1.4 Antenna Information****O-435**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510240-A	PIFA	I-Pex	6G	Radio 2
2	WHAYU	C393-510240-A	PIFA	I-Pex	6G	Radio 2
3	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G+6G	Radio 0
4	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G+6G	Radio 0
5	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G	Radio 1+Radio 2
6	WHAYU	C393-510240-A	PIFA	I-Pex	2.4G+5G	Radio 1+Radio 2
7	WHAYU	C393-510240-A	PIFA	I-Pex	BT	-
8	WHAYU	C393-510240-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	-	-	-	-	-	5.72	5.17	3.67	4.67	-	-
2	2	-	-	-	-	-	5.85	5.09	4.29	3.84	-	-
3	1	3.1	5.33	5.97	4.41	3.32	5	4.13	4.87	3.99	-	-
4	2	3.26	4.32	4.56	5.26	4.37	4.41	5.15	4.7	3.73	-	-
5	1	2.85	3.69	3.89	4.64	4.83	-	-	-	-	-	-
6	2	2.54	3.35	4.34	5.05	3.83	-	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	6.3	-
8	1	-	-	-	-	-	-	-	-	-	-	2.7

Composite Gain (dBi)											
Ant.		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1~2	DG [1SS]	-	-	-	-	-	6.2	6.74	5.04	5.54	
	DG [2SS]	-	-	-	-	-	5.85	5.17	4.29	4.67	
3~4	DG [1SS]	5.22	6.59	6.67	6.55	5.22	6.23	6.48	6.18	5.51	
	DG [2SS]	3.26	5.33	5.97	5.26	4.37	5	5.15	4.87	3.99	
5~6	DG [1SS]	4.24	5.3	4.88	5.54	4.84	-	-	-	-	
	DG [2SS]	2.85	3.69	4.34	5.05	4.83	-	-	-	-	

Note 1: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP4O0402.

O-435E

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510293-A	Panel	N-type	6G	Radio 2
2	WHAYU	C393-510293-A	Panel	N-type	6G	Radio 2
3	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G+6G	Radio 0
4	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G+6G	Radio 0
5	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G	Radio 1+Radio 2
6	WHAYU	C393-510293-A	Panel	N-type	2.4G+5G	Radio 1+Radio 2
7	WHAYU	C393-510240-A	PIFA	I-Pex	BT	-
8	WHAYU	C393-510240-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	-	-	-	-	-	5.39	3.98	4.51	-	-	-
2	2	-	-	-	-	-	5.98	4.5	5.14	-	-	-
3	1	6.81	5.79	4.86	5.61	5.53	5.95	3.51	4.58	-	-	-
4	2	7.22	4.63	4.62	5.1	4.48	4.99	3.7	4.09	-	-	-
5	1	6.39	4.74	4.75	5.31	4.52	-	-	-	-	-	-
6	2	6.66	4.79	4.45	5.32	5.16	-	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-	6.5	-
8	1	-	-	-	-	-	-	-	-	-	-	3.6

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{RF}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{RF}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{RF}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$



Note 3: The EUT has eight antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) < **Radio 0** >

Ant. 3 (port 1) and Ant. 4 (port 2) could receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) < **Radio 1** >

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 0** >

Ant. 3 (port 1) and Ant. 4 (port 2) could receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 2** >

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously

For 6GHz function:

For IEEE 802.11 ax/be mode(2TX/2RX) < **Radio 0** >

Ant. 3 (port 1) and Ant. 4 (port 2) could receive simultaneously.

For IEEE 802.11 ax/be mode(2TX/2RX) < **Radio 2** >

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 7 (port 1) could transmit/receive.

1.1.5 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☒	Outdoor AP (Radio 2)	☐ Indoor AP
	☐	Fixed P2P AP	☒ Client (Radio 0)
Beamforming Function	☒	With beamforming	☐ Without beamforming
TPC Function	☒	With TPC Function	☐ Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐ Without 5600~5650MHz
Resource Unit	☒	Full RU	☒ Partial RU
	☒	MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.6 Table for Multiple Listing

Model Name	Description
O-435	Wi-Fi Internal Antenna
O-435E	Wi-Fi External Antenna

1.1.7 Mode Test Duty Cycle

Non-Beamforming_Radio 0_Full RU_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.949	0.23	1.981m	1k
802.11be EHT20_Nss1,(MCS0)_2TX	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Channel Puncturing_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Beamforming_Radio 0_O-435**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2_O-435

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 0_Full RU_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 2_Channel Puncturing_O-435E**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 0_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2_O-435E

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted (Radio 2_Multi-RU)	TH07-HY	Yuna Lin	22.9~23.5°C / 53~56%	08/Jan/2025~09/Jan/2025
Radiated (Radio 2_Multi-RU _O-435E)	03CH03-HY	Simon Cheng	22.1~23.2°C / 50~53%	15/Jan/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	20.1~20.6°C / 51~55%	22/Jan/2025



Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Wenhua 3rd.	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
(TAF: 3785)	TEL: 886-3-327-0868			
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted (Full RU& Beamforming)	TH06-HY	Johnny Yu	22.9~23.5°C / 53~56%	21/Nov/2024~31/Dec/2024
RF Conducted (Radio 2_Channel Puncturing)	TH06-HY	Johnny Yu	22.9~23.5°C / 53~56%	21/Nov/2024~14/Jan/2025
Radiated (Radio 0_Full RU_O-435)	03CH25-HY	Rian Chung	21.8~22.5°C / 51~53%	24/Nov/2024~27/Nov/2024
Radiated (Radio 2_Full RU_O-435)	03CH25-HY	Rian Chung	21.6~22.9°C / 50~53%	12/Nov/2024~14/Nov/2024
Radiated (Radio 2_Multi-RU_O-435)	03CH25-HY	Henry Ho	22.1~22.9°C / 51~53%	09/Jan/2025
Radiated (Radio 2_Puncturing_O-435)	03CH25-HY	Rian Chung	20.1~21.3°C / 53~57%	24/Nov/2024
Radiated (Radio 0_Full RU_O-435E)	03CH25-HY	Rian Chung	21.8~22.5°C / 51~53%	26/Nov/2024~04/Feb/2025
Radiated (Radio 2_Full RU_O-435E)	03CH25-HY	Rian Chung	21.8~22.9°C / 50~53%	19/Nov/2024~04/Feb/2025
Radiated (Radio 2_Puncturing_O-435E)	03CH25-HY	Rian Chung	21.4~22.6°C / 53~57%	08/Dec/2024
Radiated (Elevation above 30°_O-435E)	03CH26-HY	Ivan Chung	20.2~21.1°C / 51~52%	02/Jan/2025~06/Jan/2025
Radiated (Elevation above 30°_O-435)	03CH25-HY	Rian Chung	19.1~20.5°C / 51~53%	07/Jan/2025

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	dart_conn.win.1.0_installer_00099
-----------------------	-----------------------------------

Non-Beamforming_Radio 0_Full RU_O-435

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	17.5
5510MHz	17.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	17.5
5250MHz Straddle 5.25-5.35GHz	17.5



5570MHz	17.5
---------	------

Non-Beamforming_Radio 2_Full RU_O-435

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	17
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	17
5530MHz	17
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	17
5250MHz Straddle 5.25-5.35GHz	17
5570MHz	17

**Non-Beamforming_Radio 2_Multi-RU_O-435**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5290MHz	14
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5290MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5530MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5530MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5610MHz	12
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5690MHz Straddle 5.47-5.725GHz	14
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5690MHz Straddle 5.47-5.725GHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5690MHz Straddle 5.725-5.85GHz	14
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5690MHz Straddle 5.725-5.85GHz	12.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	14.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5250MHz Straddle 5.15-5.25GHz	13
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-
5250MHz Straddle 5.15-5.25GHz	12.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	14.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5250MHz Straddle 5.25-5.35GHz	13
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-
5250MHz Straddle 5.25-5.35GHz	12.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5570MHz	15
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5570MHz	13.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-
5570MHz	12.5

**Non-Beamforming_Radio 2_Channel Puncturing_O-435**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5290MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5290MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5290MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5290MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-



5250MHz Straddle 5.15-5.25GHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-
5250MHz Straddle 5.15-5.25GHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-
5250MHz Straddle 5.15-5.25GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5250MHz Straddle 5.15-5.25GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-
5250MHz Straddle 5.25-5.35GHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-
5250MHz Straddle 5.25-5.35GHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-
5250MHz Straddle 5.25-5.35GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-
5250MHz Straddle 5.25-5.35GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-
5250MHz Straddle 5.25-5.35GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-
5250MHz Straddle 5.25-5.35GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-
5250MHz Straddle 5.25-5.35GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-
5250MHz Straddle 5.25-5.35GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	15



802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5250MHz Straddle 5.25-5.35GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-
5250MHz Straddle 5.25-5.35GHz	14
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-
5570MHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5570MHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5570MHz	14.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-
5570MHz	15

Beamforming_Radio 0_O-435

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	17.5



5510MHz	17.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	17.5

Beamforming_Radio 2_O-435

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	17
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17
5530MHz	17
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5



5250MHz Straddle 5.25-5.35GHz	15.5
5570MHz	17

Non-Beamforming_Radio 0_Full RU_O-435E

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	17.5
5510MHz	17.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	17.5
5250MHz Straddle 5.25-5.35GHz	17.5
5570MHz	17.5

**Non-Beamforming_Radio 2_Full RU_O-435E**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	17
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	17
5530MHz	17
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	17
5250MHz Straddle 5.25-5.35GHz	17
5570MHz	17

**Non-Beamforming_Radio 2_Multi-RU_O-435E**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5290MHz	16
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5290MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5530MHz	16
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5530MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5610MHz	16
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5690MHz Straddle 5.47-5.725GHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-
5690MHz Straddle 5.725-5.85GHz	14
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	16.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5250MHz Straddle 5.15-5.25GHz	15
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-
5250MHz Straddle 5.15-5.25GHz	14.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	16.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5250MHz Straddle 5.25-5.35GHz	15
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-
5250MHz Straddle 5.25-5.35GHz	14.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5570MHz	15
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-
5570MHz	14

**Non-Beamforming_Radio 2_Channel Puncturing_O-435E**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5290MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5250MHz Straddle 5.15-5.25GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-
5250MHz Straddle 5.25-5.35GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5250MHz Straddle 5.25-5.35GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5570MHz	15

Beamforming_Radio 0_O-435E

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	17.5
5510MHz	17.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5



802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17.5
5530MHz	17.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	15
5250MHz Straddle 5.25-5.35GHz	15
5570MHz	17.5

Beamforming_Radio 2_O-435E

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	17
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	17
5530MHz	17
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	17

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1 (2.4G) + Radio 2 (5G) + Radio 0 (2.4G) + Bluetooth
2	Radio 1 (2.4G) + Radio 2 (5G) + Radio 0 (5G) + Bluetooth
Refer to Sporton Test Report No.: FA4O0402-01 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Pole mount 1	Brand Name	ARISTA	Model Name	M/E KIT ASSY (BRACKET)
Pole mount 2	Brand Name	ARISTA	Model Name	M/E KIT ASSY (Cable ties)

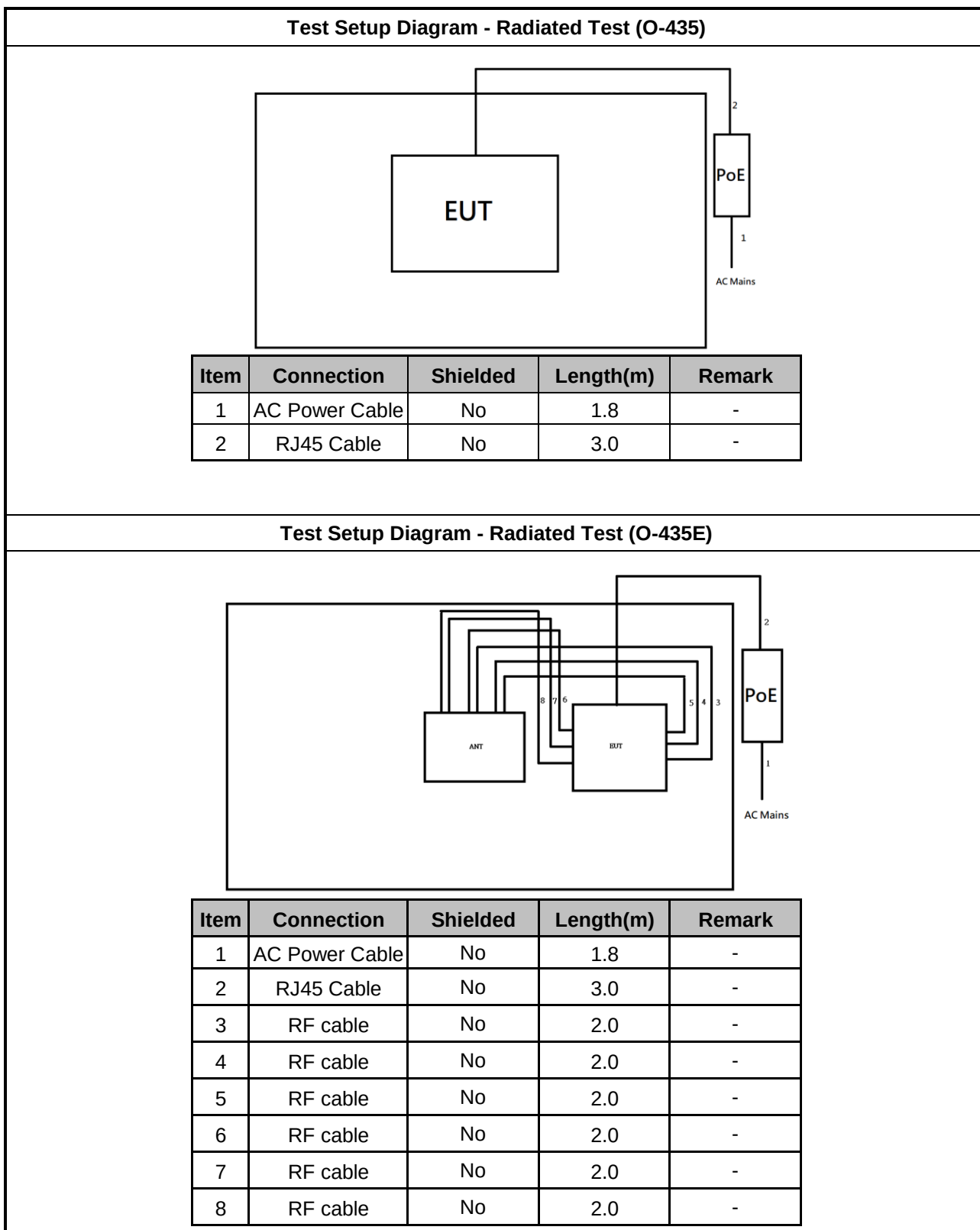
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	External Antenna	WHAYU	C393-510293-A	-	Provided by Customer
3	PoE	PHIHONG	POE20U-560(G)	-	Remote

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

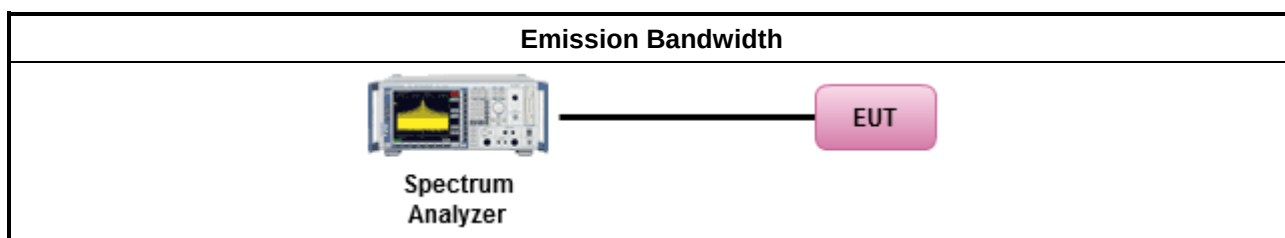
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
☐	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
☐	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

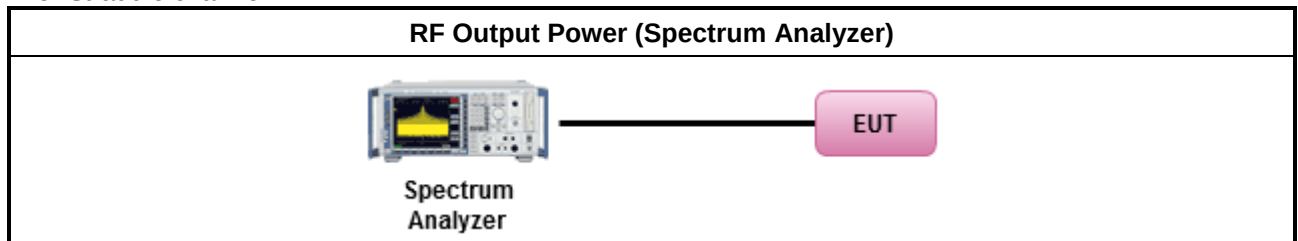
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

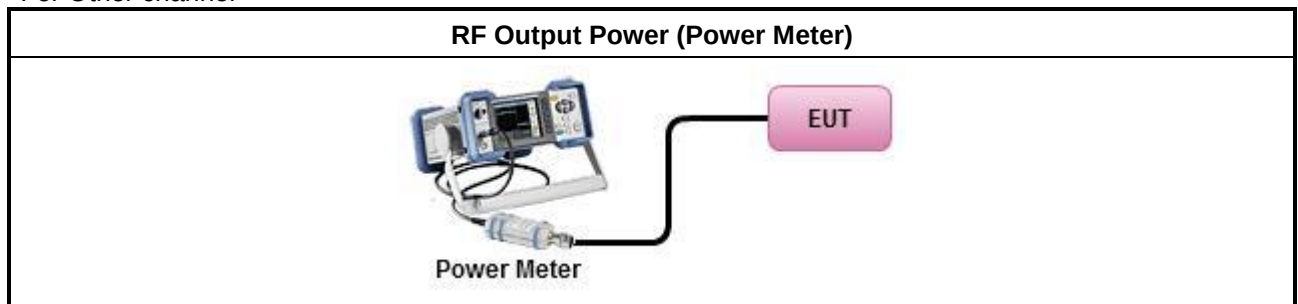
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

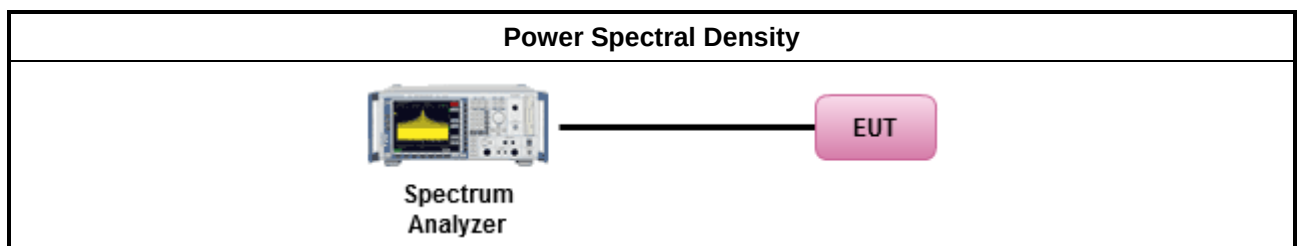
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
- Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.

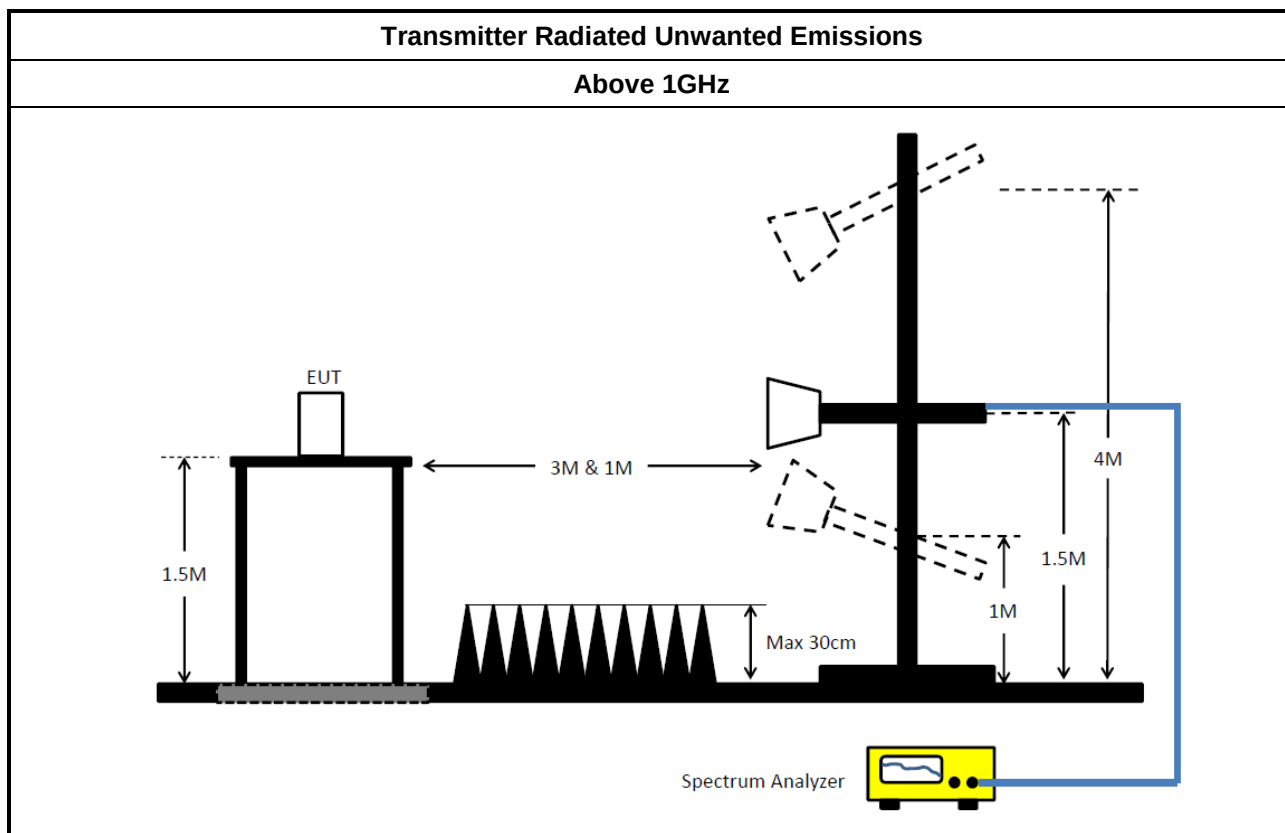
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.4.5 Test Setup



3.4.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test (TH07-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH06-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH25-HY_Radio 2_Full RU_O-435)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	20/Jul/2024	19/Jul/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	27/Aug/2024	26/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	30/May/2024	29/May/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2024	23/Apr/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (03CH25-HY_Radio 0_Full RU_O-435/O-435E & Radio 2_Full RU_O-435E)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	20/Jul/2024	19/Jul/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	27/Aug/2024	26/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	30/May/2024	29/May/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2024	23/Apr/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (03CH25-HY_Radio 2_Channel Puncturing_O-435E)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Pre-amplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (03CH25-HY_Radio 2_Multi-RU_O-435)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101438	10Hz~44GHz	08/Nov/2024	07/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.23	NA	NA	NA	NA

Instrument for Radiated Test (03CH25-HY_Radio 2_Channel Puncturing_O-435)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101438	10Hz~44GHz	08/Nov/2024	07/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (03CH03-HY_Radio 2_Multi-RU_O-435E)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF CABLE 5+8m	HUBER+ SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Microwave Premplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (03CH02-HY_Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable -01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	84.96M	77.651M	77M7D1D	84.8M	77.579M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.33M	16.779M	16M8D1D	21.615M	16.687M
802.11be EHT20_Nss1,(MCS0)_2TX	22.33M	19.088M	19M1D1D	21.45M	19.032M
802.11be EHT40_Nss1,(MCS0)_2TX	43.34M	38.12M	38M1D1D	41.69M	37.937M
802.11be EHT80_Nss1,(MCS0)_2TX	92.4M	77.66M	77M7D1D	85.36M	77.497M
802.11be EHT160_Nss1,(MCS0)_2TX	83.84M	77.742M	77M7D1D	83.04M	77.584M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.22M	16.763M	16M8D1D	16.17M	13.392M
802.11be EHT20_Nss1,(MCS0)_2TX	22.44M	19.135M	19M1D1D	15.93M	14.473M
802.11be EHT40_Nss1,(MCS0)_2TX	44.11M	38.078M	38M1D1D	36.295M	33.871M
802.11be EHT80_Nss1,(MCS0)_2TX	89.1M	77.759M	77M8D1D	78.9M	73.387M
802.11be EHT160_Nss1,(MCS0)_2TX	172.04M	157.068M	157MD1D	167.64M	156.874M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.26M	4.243M	4M24D1D	3.24M	4.175M
802.11be EHT20_Nss1,(MCS0)_2TX	4.56M	4.63M	4M63D1D	4.56M	4.596M
802.11be EHT40_Nss1,(MCS0)_2TX	4.12M	4.353M	4M35D1D	4.06M	4.244M
802.11be EHT80_Nss1,(MCS0)_2TX	4.06M	6.593M	6M59D1D	3.92M	5.951M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

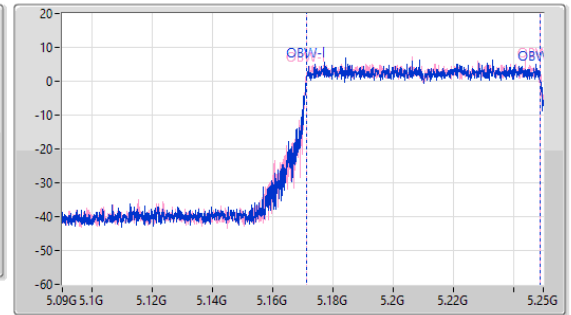
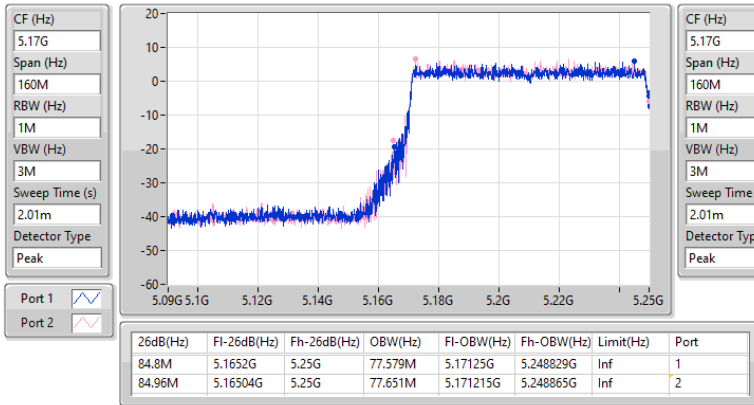
Result

Mode	Result	Limit	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.945M	16.779M	21.89M	16.687M
5300MHz	Pass	Inf	22.22M	16.714M	22.33M	16.751M
5320MHz	Pass	Inf	22.33M	16.733M	21.615M	16.7M
5500MHz	Pass	Inf	22.055M	16.763M	21.835M	16.679M
5580MHz	Pass	Inf	22.22M	16.724M	22.11M	16.732M
5700MHz	Pass	Inf	21.285M	16.738M	22.22M	16.69M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.59M	13.392M	16.17M	13.392M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.175M	3.26M	4.243M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.945M	19.075M	21.945M	19.088M
5300MHz	Pass	Inf	22.33M	19.052M	21.45M	19.041M
5320MHz	Pass	Inf	22.275M	19.041M	21.78M	19.032M
5500MHz	Pass	Inf	21.615M	19.072M	22.275M	19.088M
5580MHz	Pass	Inf	21.835M	19.007M	21.945M	19.047M
5700MHz	Pass	Inf	20.955M	19.135M	22.44M	19.057M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.93M	14.473M	16.125M	14.541M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.596M	4.56M	4.63M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.69M	38.12M	43.34M	37.956M
5310MHz	Pass	Inf	43.01M	37.969M	42.57M	37.937M
5510MHz	Pass	Inf	42.57M	38.078M	42.57M	38.069M
5550MHz	Pass	Inf	42.79M	37.98M	44.11M	38.052M
5670MHz	Pass	Inf	42.24M	37.995M	42.35M	37.973M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.645M	33.871M	36.295M	33.914M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.353M	4.12M	4.244M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	92.4M	77.497M	85.36M	77.66M
5530MHz	Pass	Inf	86.46M	77.672M	89.1M	77.759M
5610MHz	Pass	Inf	88M	77.559M	86.02M	77.716M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.9M	73.387M	80.325M	73.492M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	6.593M	3.92M	5.951M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	84.8M	77.579M	84.96M	77.651M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.84M	77.584M	83.04M	77.742M
5570MHz	Pass	Inf	172.04M	156.874M	167.64M	157.068M

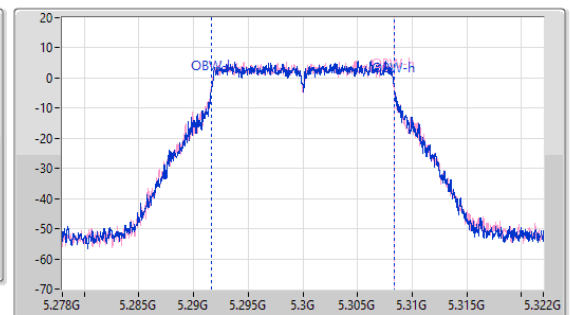
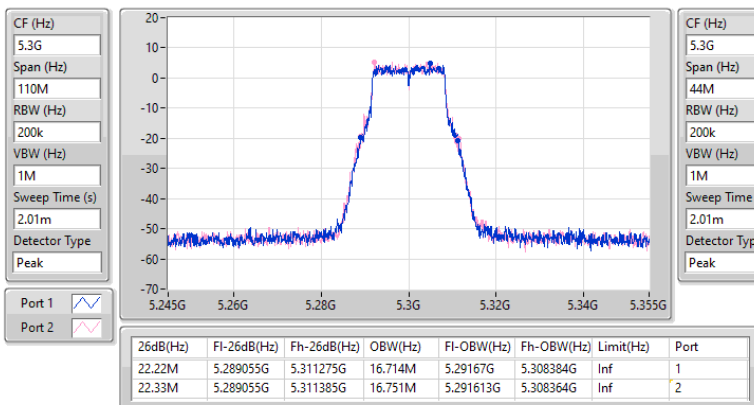
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

06/12/2024

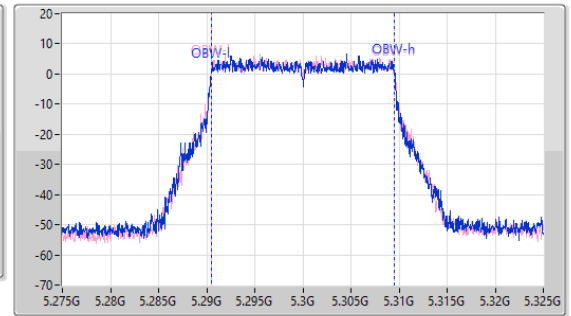
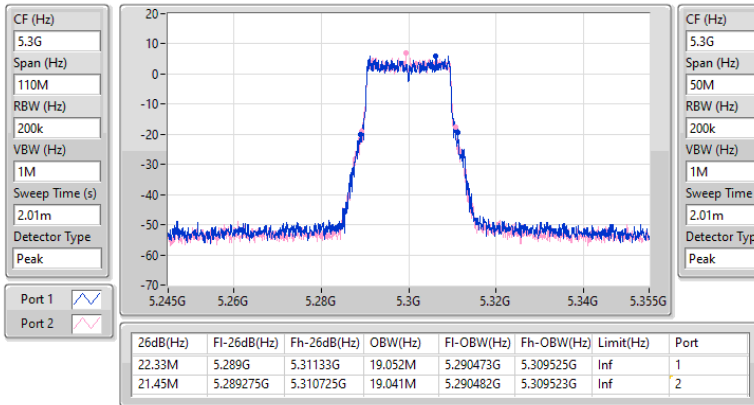

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

06/12/2024

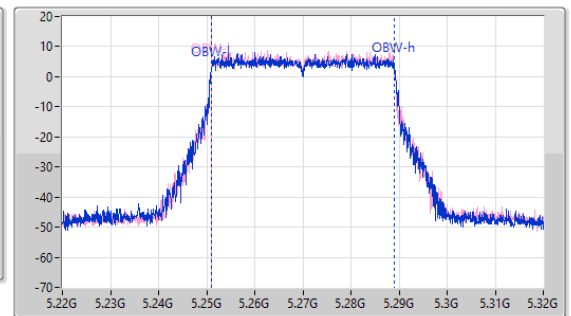
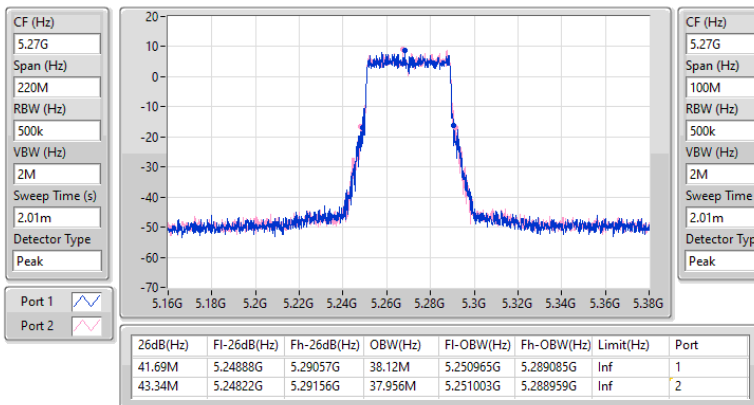


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

06/12/2024


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

06/12/2024

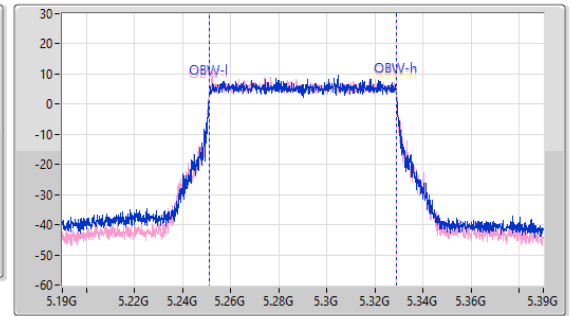
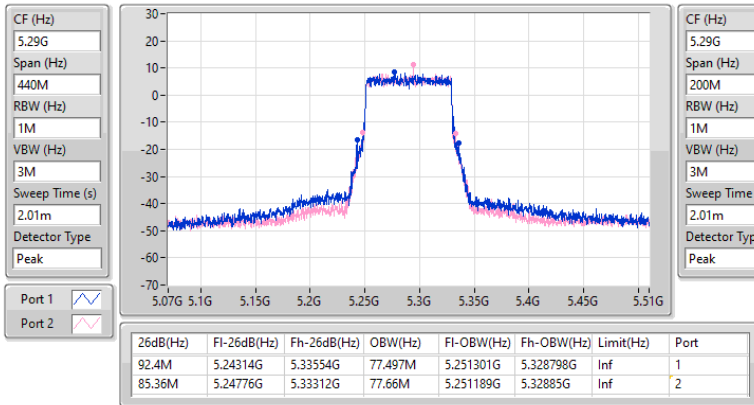


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

06/12/2024

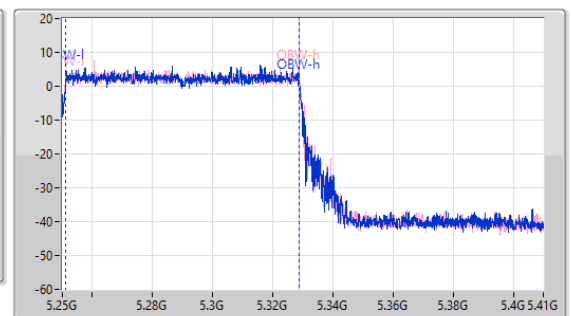
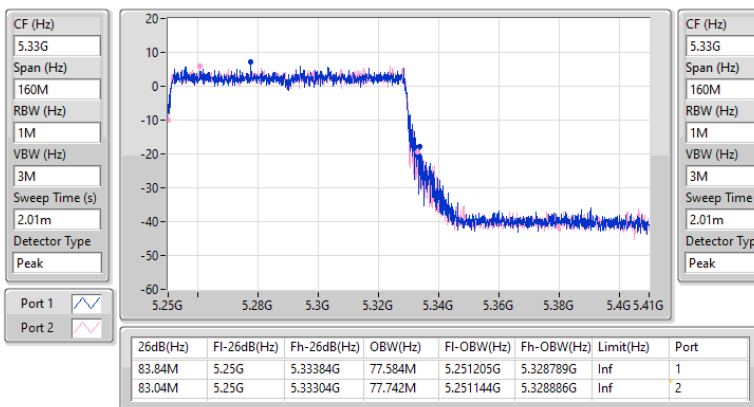


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

06/12/2024

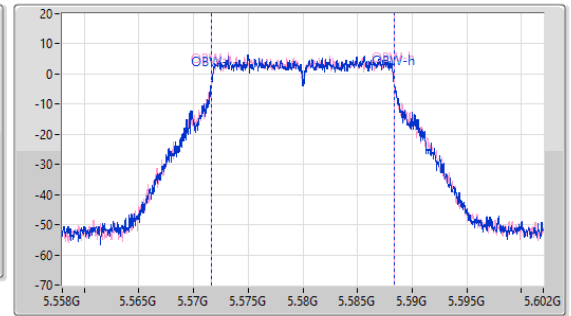
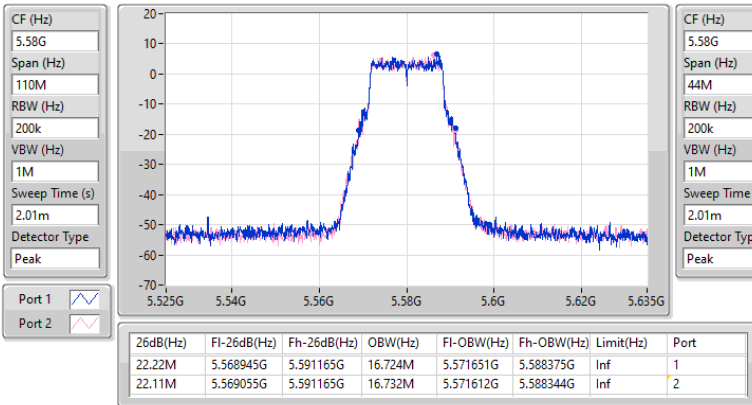


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

06/12/2024

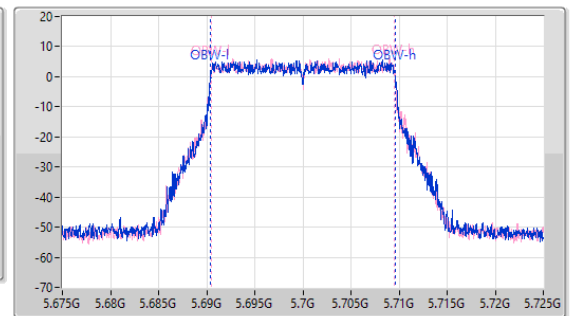
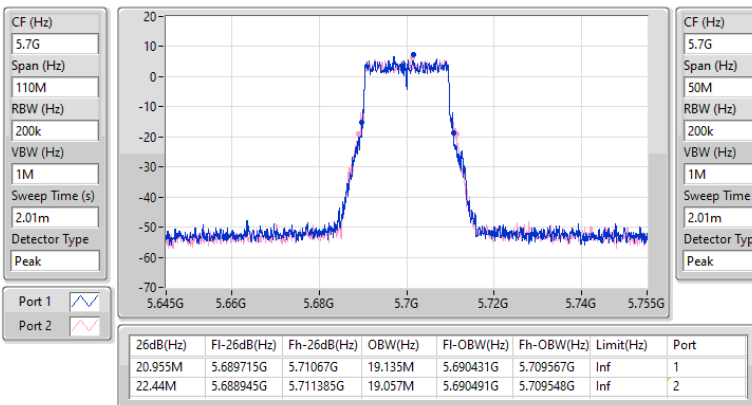


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

06/12/2024

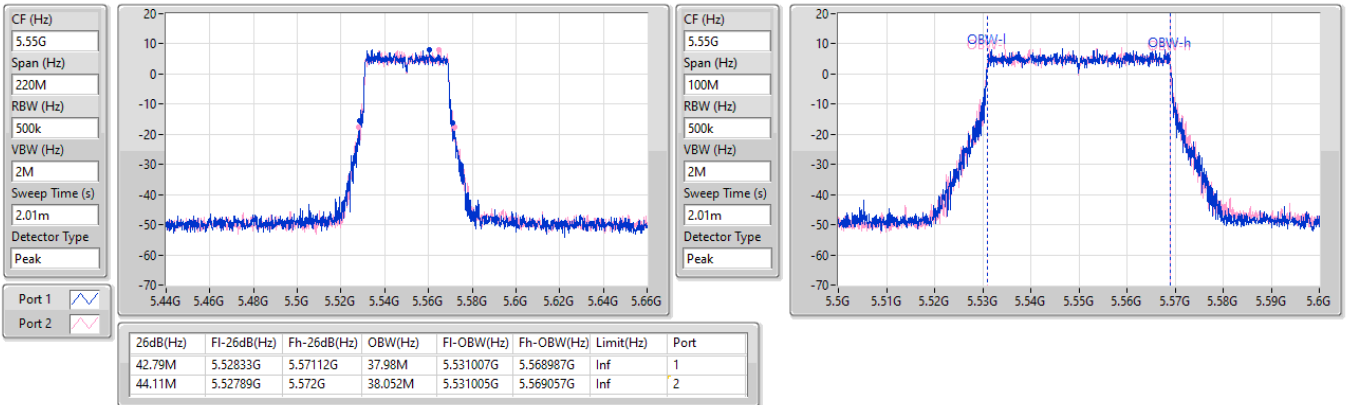


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

06/12/2024

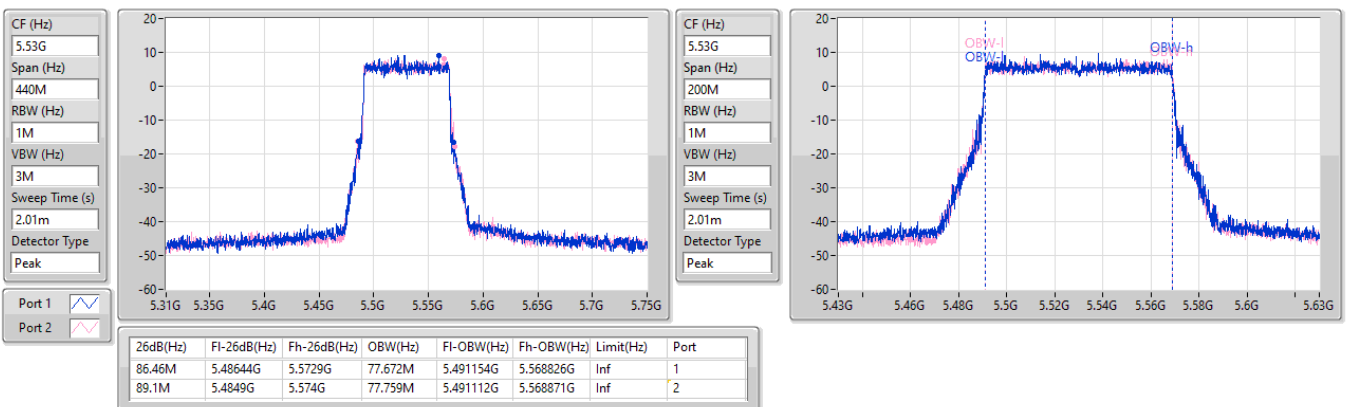


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

06/12/2024

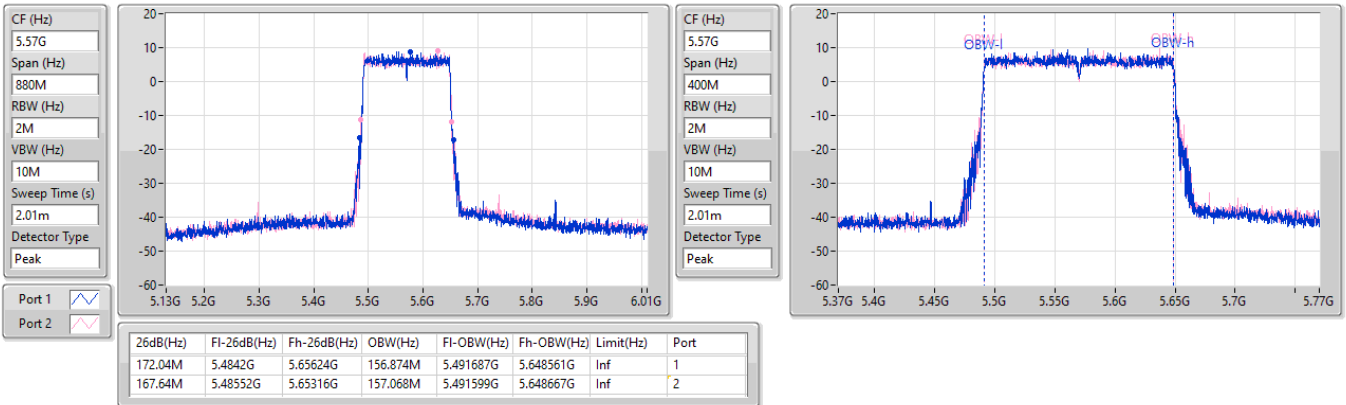


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

06/12/2024

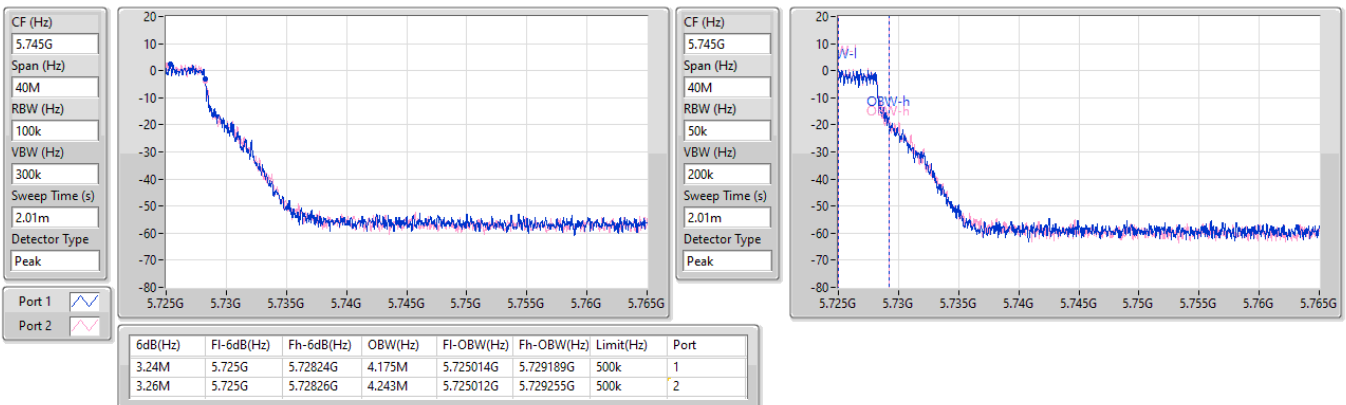


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

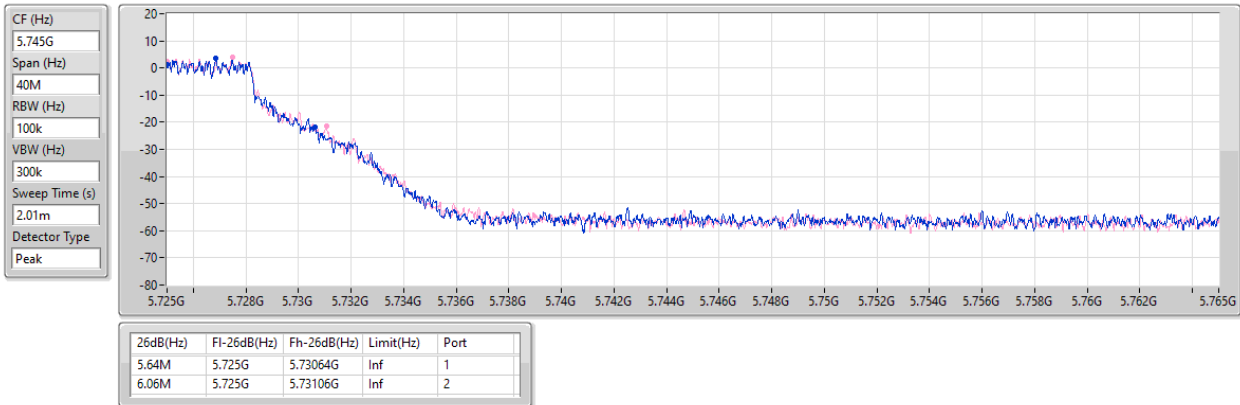
5720MHz Straddle 5.725-5.85GHz

06/12/2024

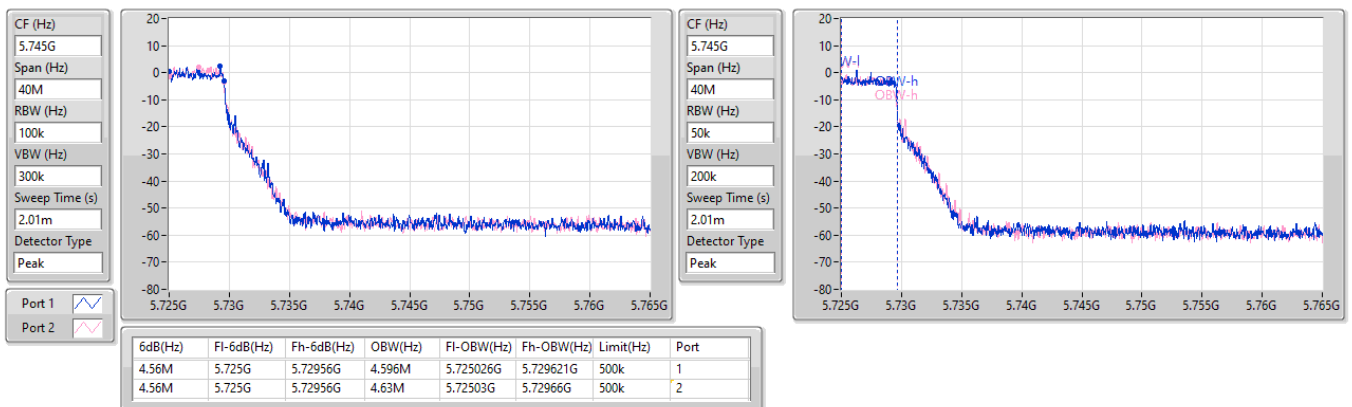


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/12/2024


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

06/12/2024

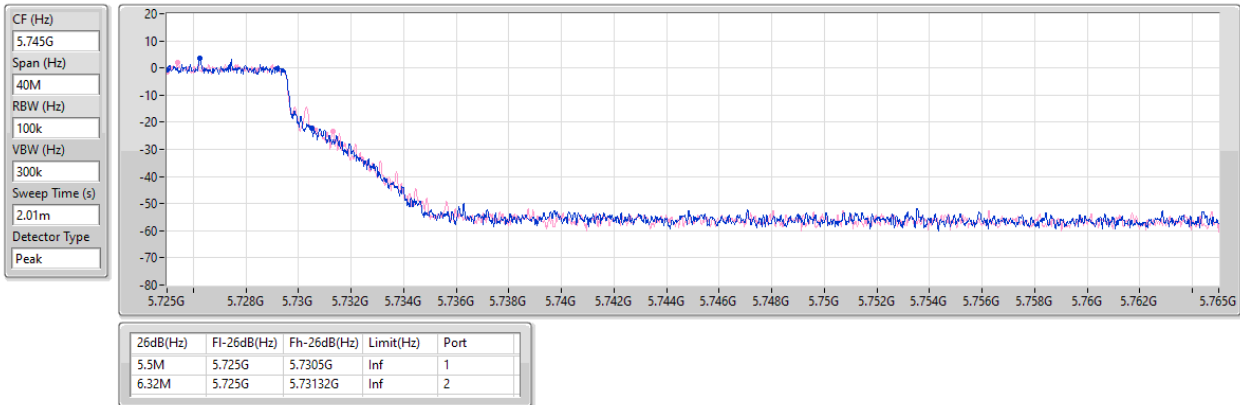


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

06/12/2024

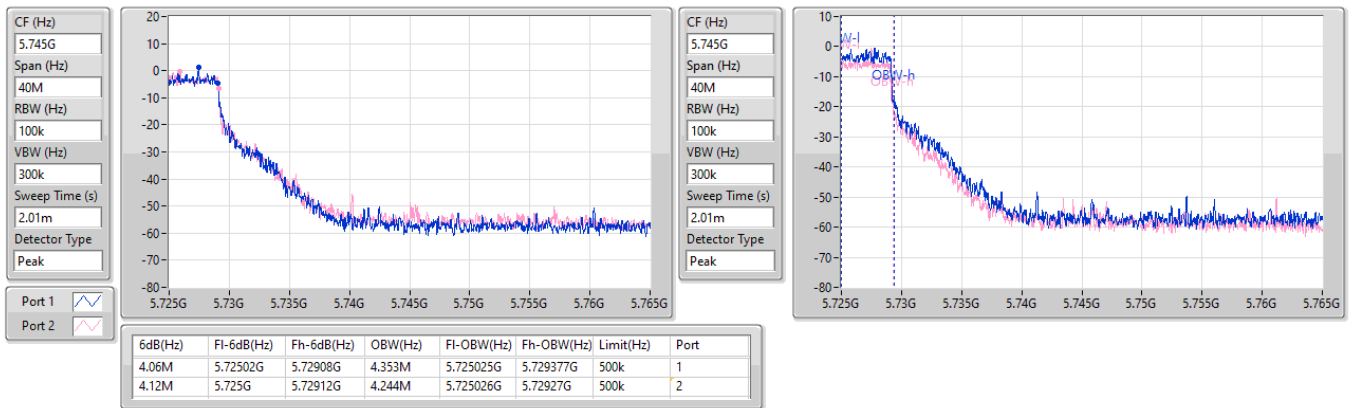


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

06/12/2024

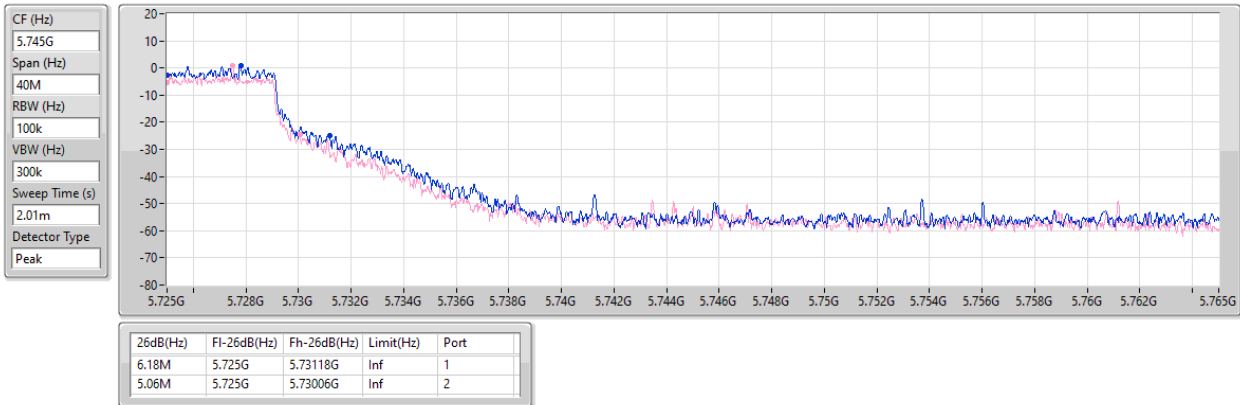


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

06/12/2024

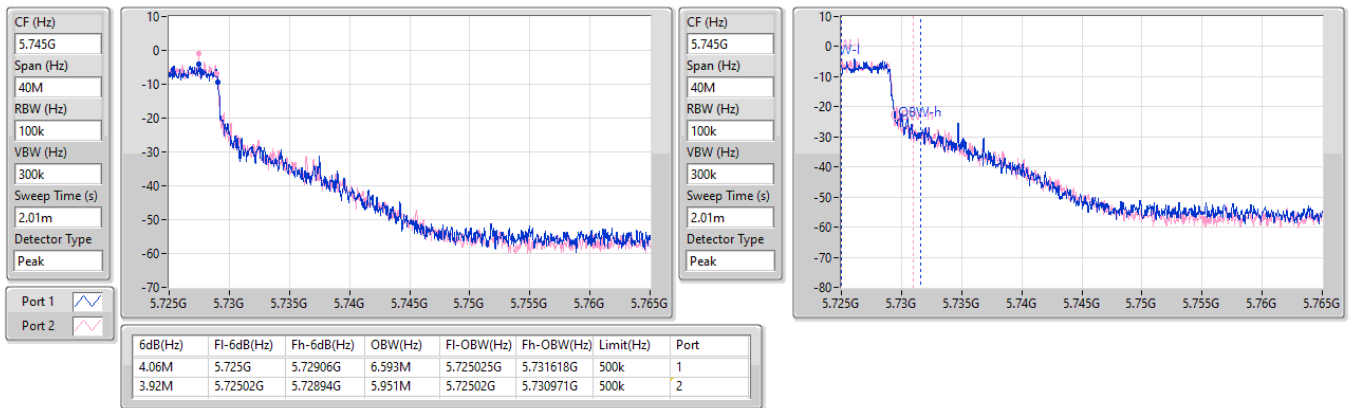


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

06/12/2024



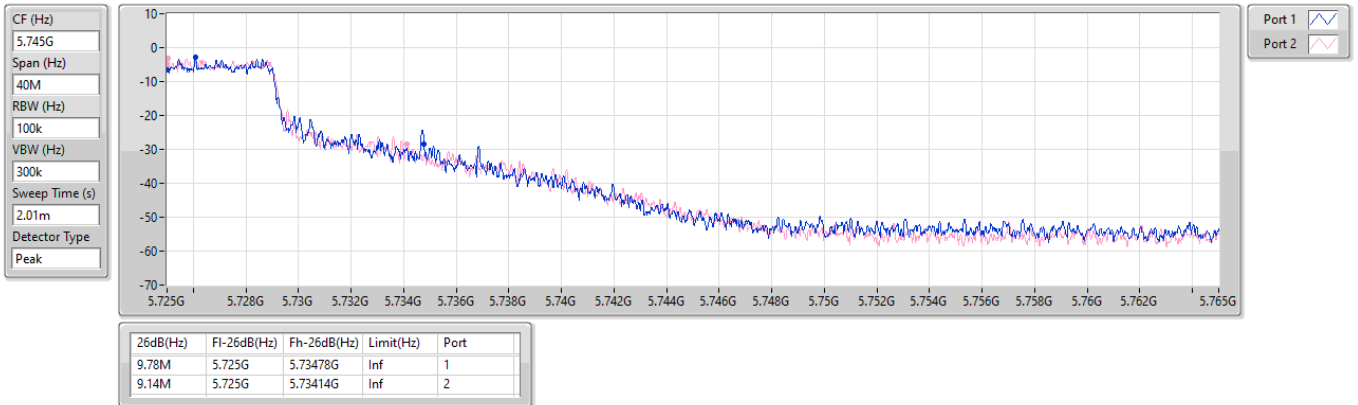


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

06/12/2024



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	80.4M	77.561M	77M6D1D	79.68M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.945M	16.932M	16M9D1D	21.505M	16.514M
802.11be EHT20_Nss1,(MCS0)_2TX	22.165M	19.09M	19M1D1D	20.9M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	42.13M	38.031M	38M0D1D	40.92M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	84.7M	77.561M	77M6D1D	80.74M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	80.4M	77.561M	77M6D1D	79.44M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.275M	16.888M	16M9D1D	15.69M	13.223M
802.11be EHT20_Nss1,(MCS0)_2TX	22.825M	19.115M	19M1D1D	16.035M	14.393M
802.11be EHT40_Nss1,(MCS0)_2TX	43.01M	37.981M	38M0D1D	34.965M	33.758M
802.11be EHT80_Nss1,(MCS0)_2TX	88.66M	77.561M	77M6D1D	76.05M	73.238M
802.11be EHT160_Nss1,(MCS0)_2TX	161.04M	156.922M	157MD1D	159.72M	156.722M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.28M	4.138M	4M14D1D	3.26M	4.118M
802.11be EHT20_Nss1,(MCS0)_2TX	4.56M	4.678M	4M68D1D	4.54M	4.678M
802.11be EHT40_Nss1,(MCS0)_2TX	4.14M	4.218M	4M22D1D	4.12M	4.198M
802.11be EHT80_Nss1,(MCS0)_2TX	4.12M	5.937M	5M94D1D	4.1M	5.517M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.945M	16.514M	21.56M	16.602M
5300MHz	Pass	Inf	21.505M	16.602M	21.835M	16.932M
5320MHz	Pass	Inf	21.78M	16.822M	21.56M	16.91M
5500MHz	Pass	Inf	21.725M	16.58M	22.275M	16.602M
5580MHz	Pass	Inf	21.725M	16.69M	21.945M	16.536M
5700MHz	Pass	Inf	21.835M	16.624M	21.945M	16.888M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.223M	15.78M	13.283M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.118M	3.26M	4.138M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	19.04M	21.725M	18.991M
5300MHz	Pass	Inf	22.165M	19.09M	20.9M	18.941M
5320MHz	Pass	Inf	22M	19.015M	20.955M	19.09M
5500MHz	Pass	Inf	21.175M	19.115M	20.845M	19.015M
5580MHz	Pass	Inf	22.825M	19.04M	20.57M	19.015M
5700MHz	Pass	Inf	21.725M	19.015M	21.67M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.2M	14.393M	16.035M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.678M	4.54M	4.678M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.881M	41.8M	37.881M
5310MHz	Pass	Inf	42.13M	38.031M	41.14M	37.881M
5510MHz	Pass	Inf	41.14M	37.931M	42.79M	37.831M
5550MHz	Pass	Inf	41.25M	37.831M	43.01M	37.881M
5670MHz	Pass	Inf	42.9M	37.881M	42.24M	37.981M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.085M	33.898M	34.965M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.14M	4.218M	4.12M	4.198M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	84.7M	77.561M	80.74M	77.561M
5530MHz	Pass	Inf	86.68M	77.561M	88.66M	77.561M
5610MHz	Pass	Inf	84.92M	77.561M	84.04M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.388M	78.45M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	5.517M	4.12M	5.937M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.4M	77.321M	79.68M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.4M	77.561M	79.44M	77.481M
5570MHz	Pass	Inf	159.72M	156.922M	161.04M	156.722M

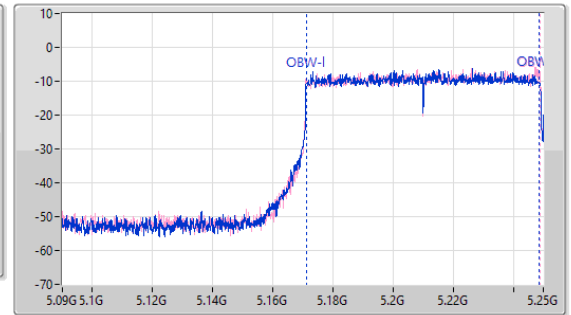
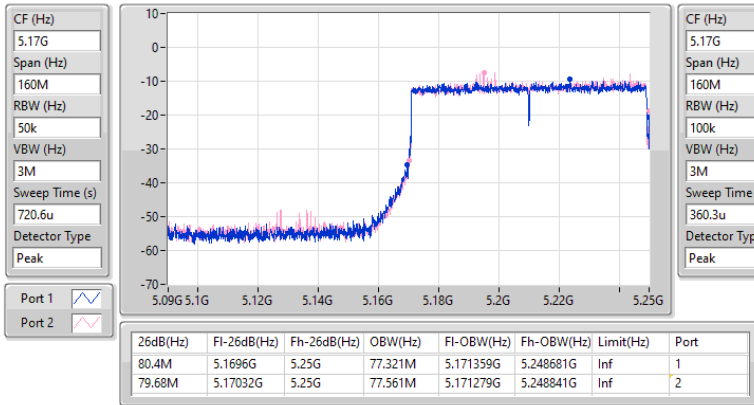
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

21/11/2024

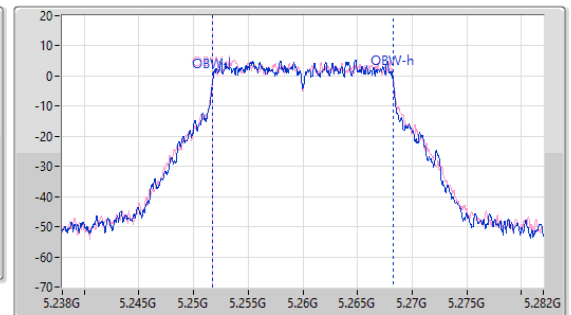
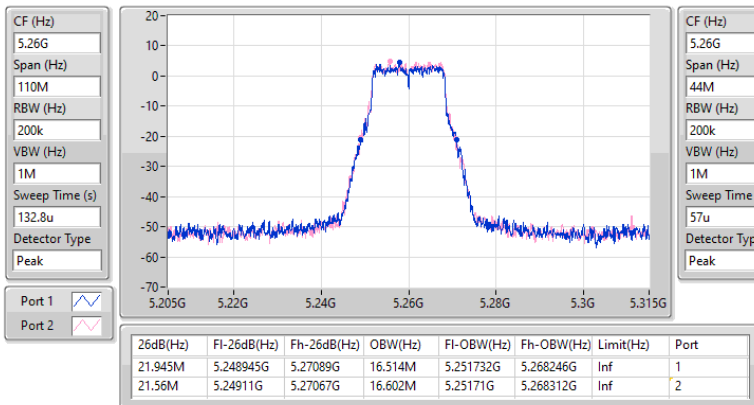


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

21/11/2024

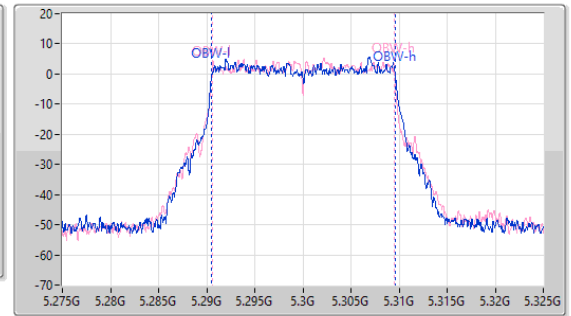
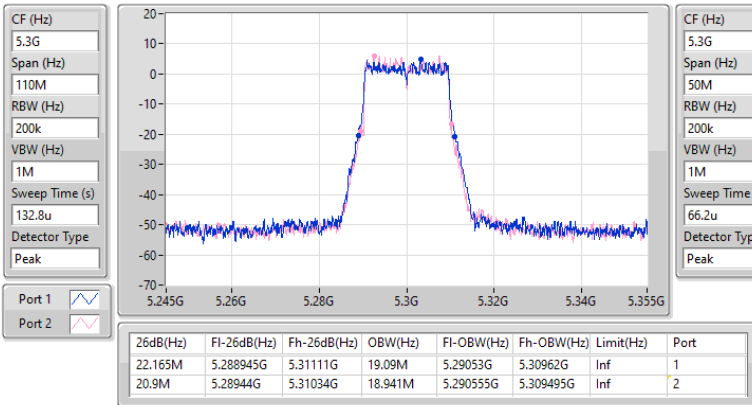


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

21/11/2024

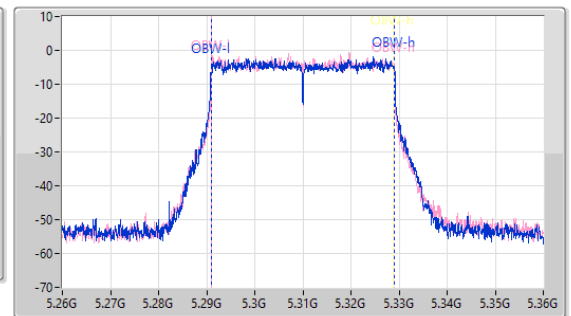
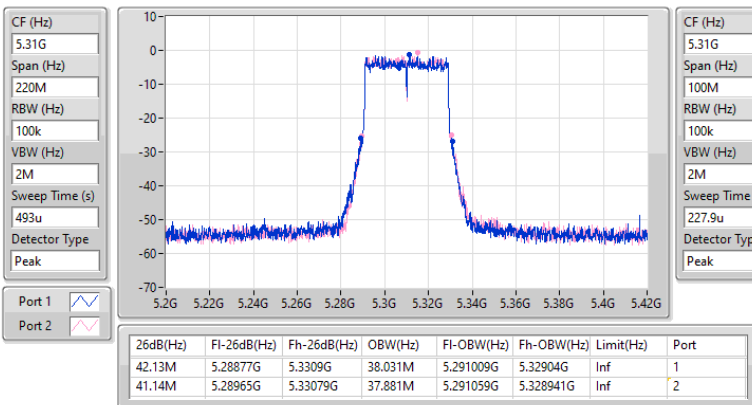


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

21/11/2024

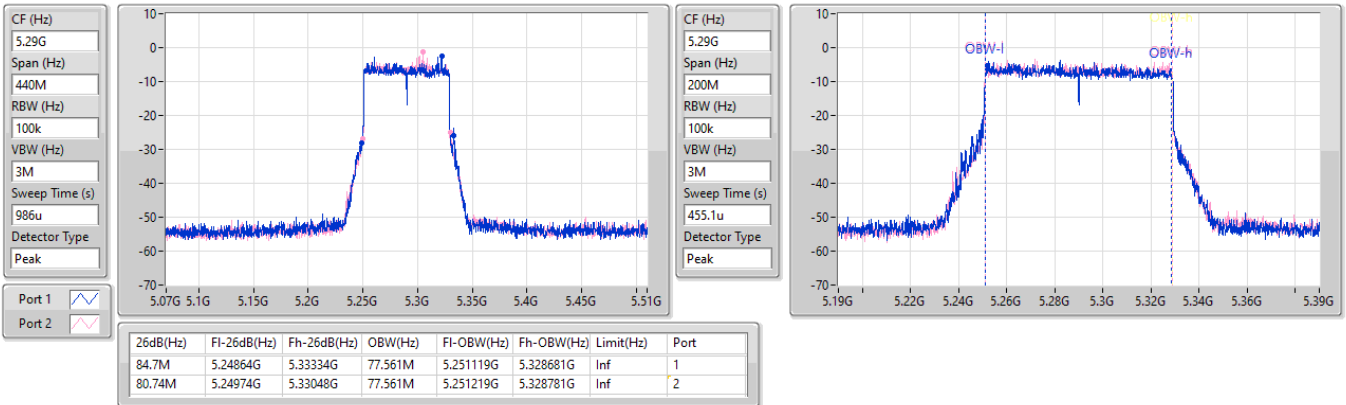


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

21/11/2024

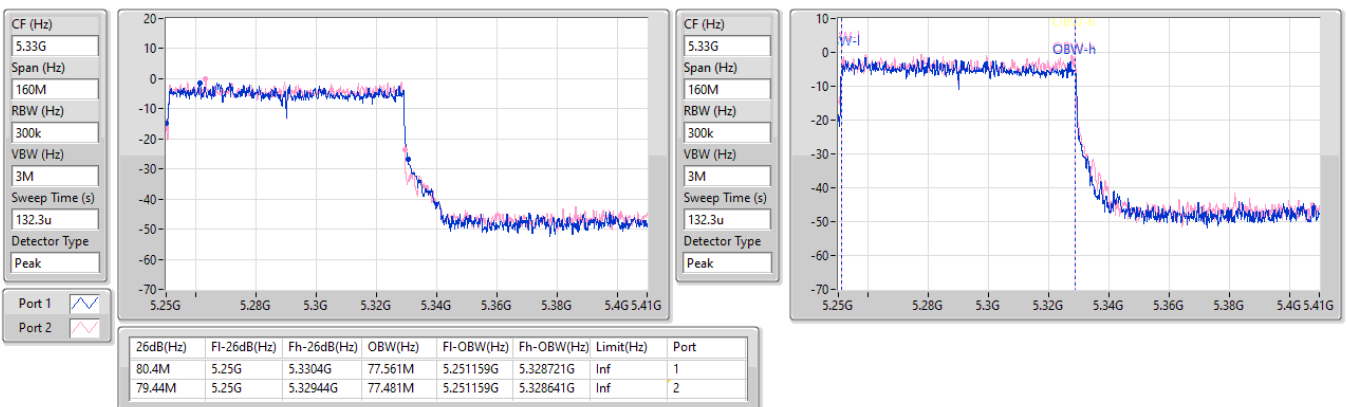


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

21/11/2024

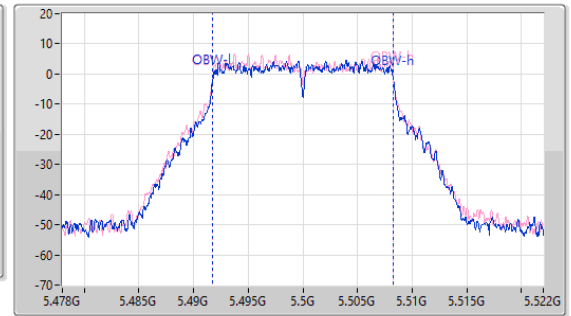
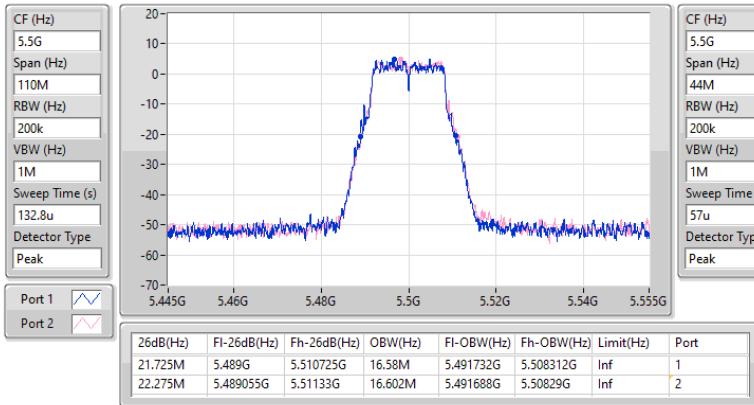


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

21/11/2024

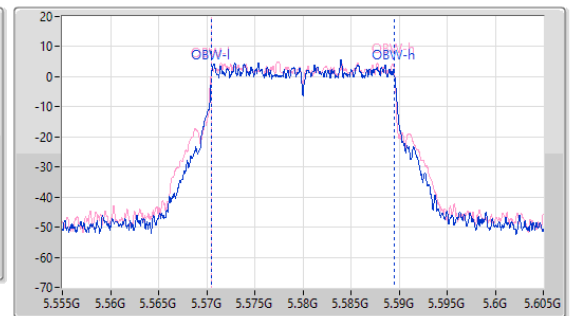
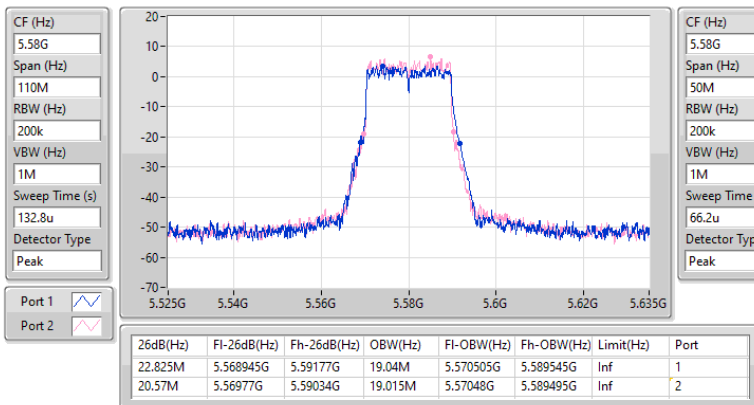


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

21/11/2024

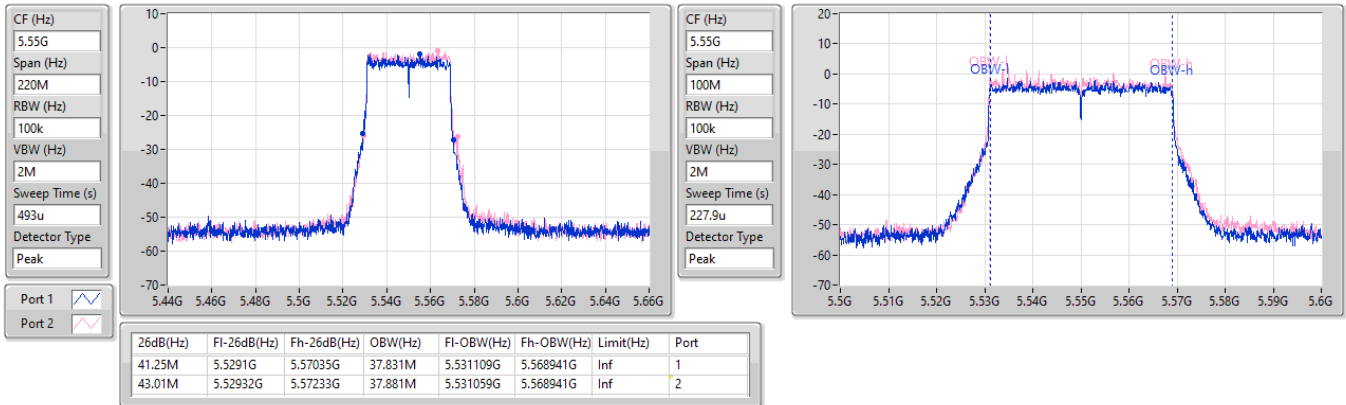


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

21/11/2024

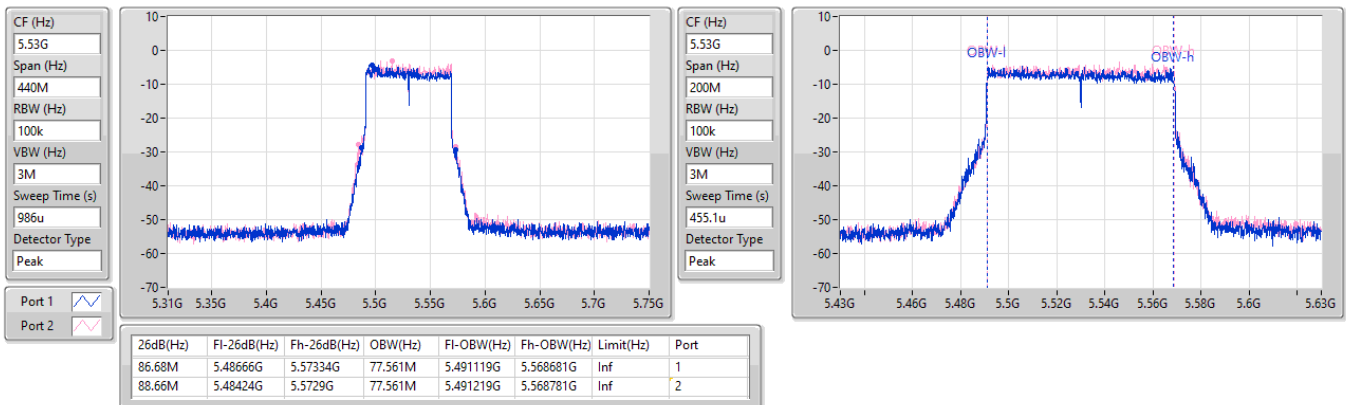


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

21/11/2024

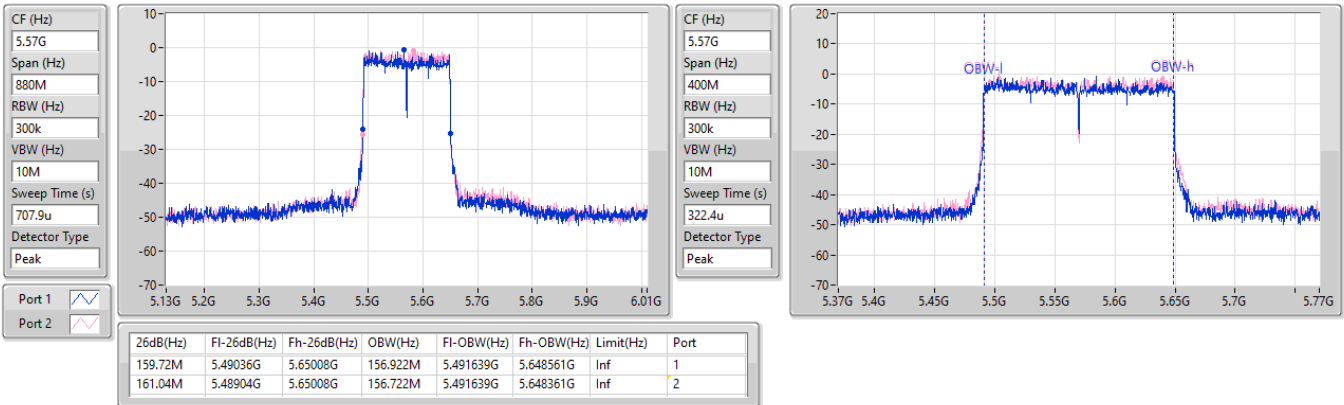


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

21/11/2024

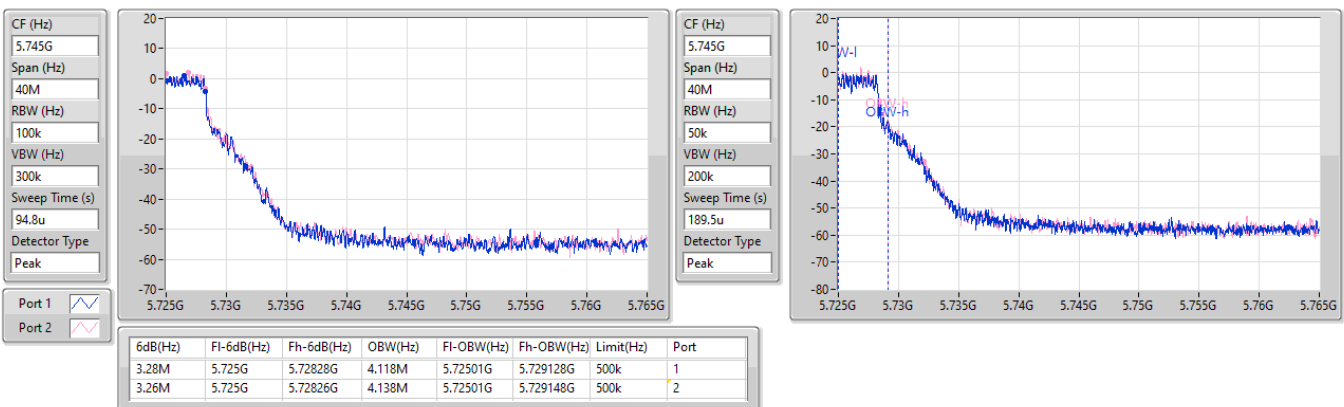


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

21/11/2024

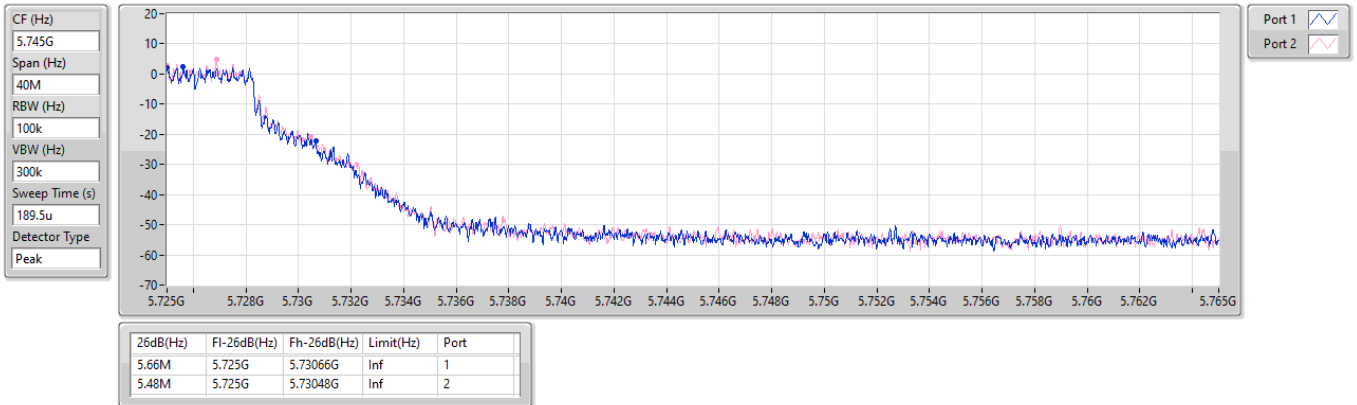


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

21/11/2024

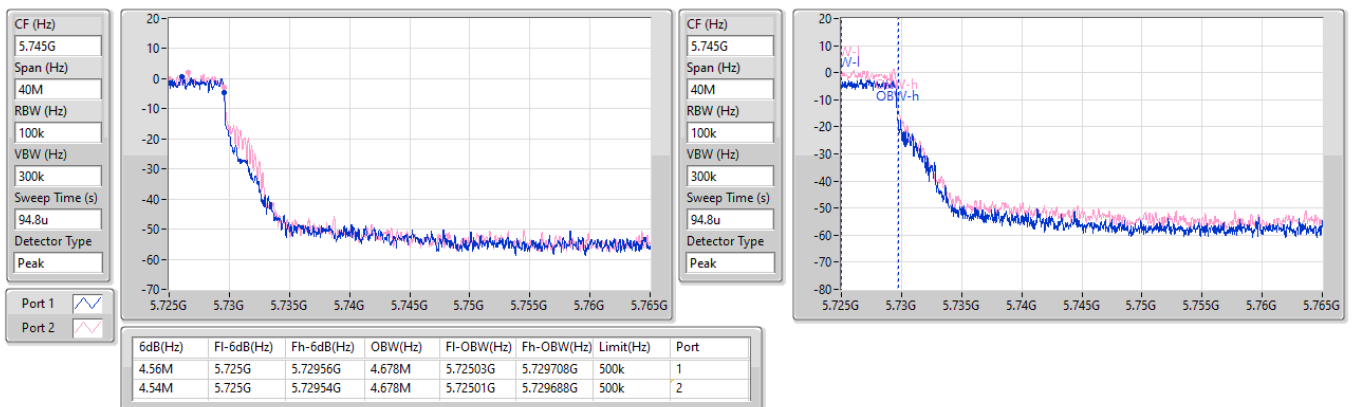


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

21/11/2024

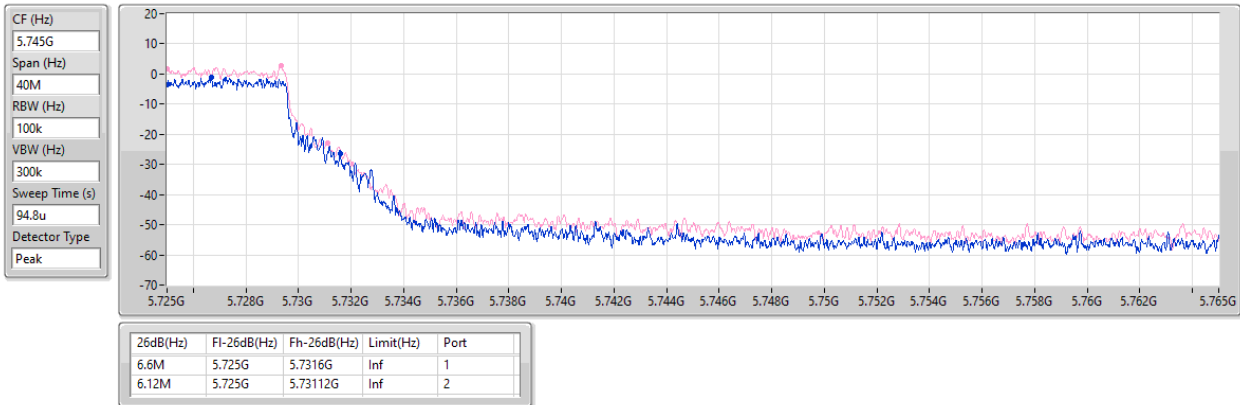


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

21/11/2024

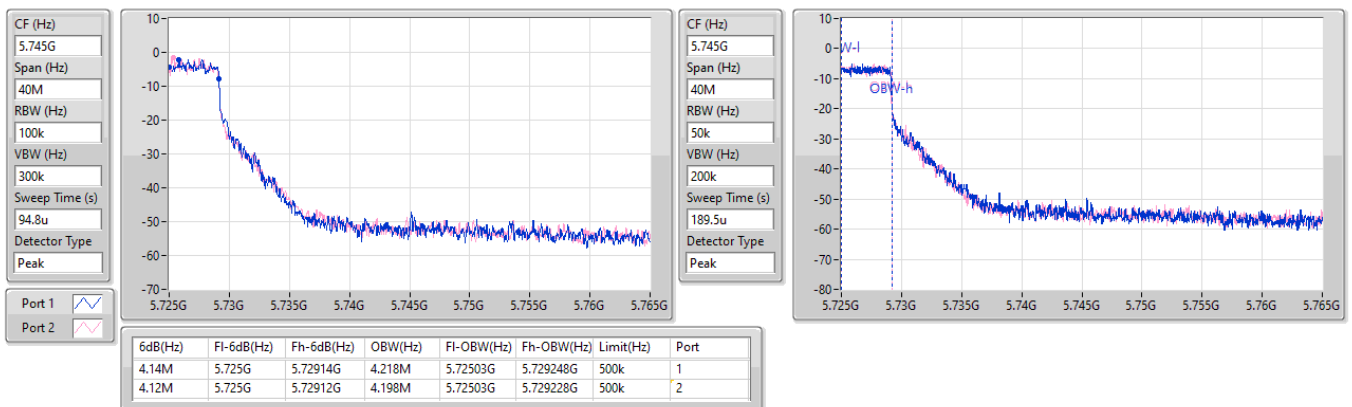


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

21/11/2024

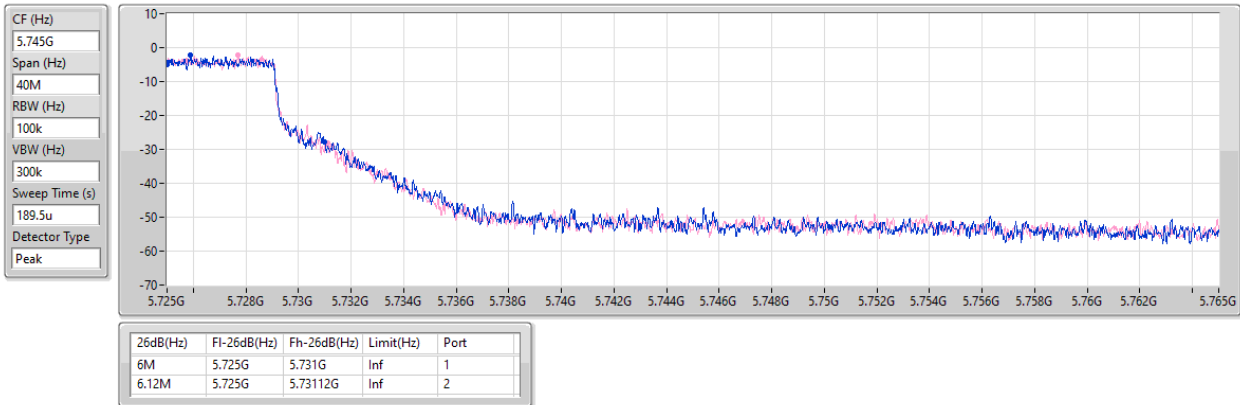


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

21/11/2024

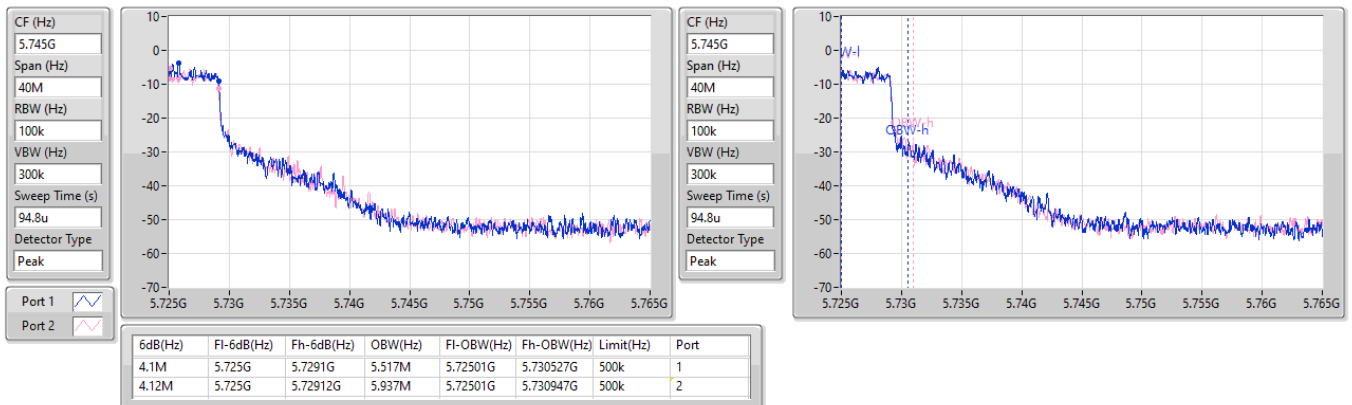


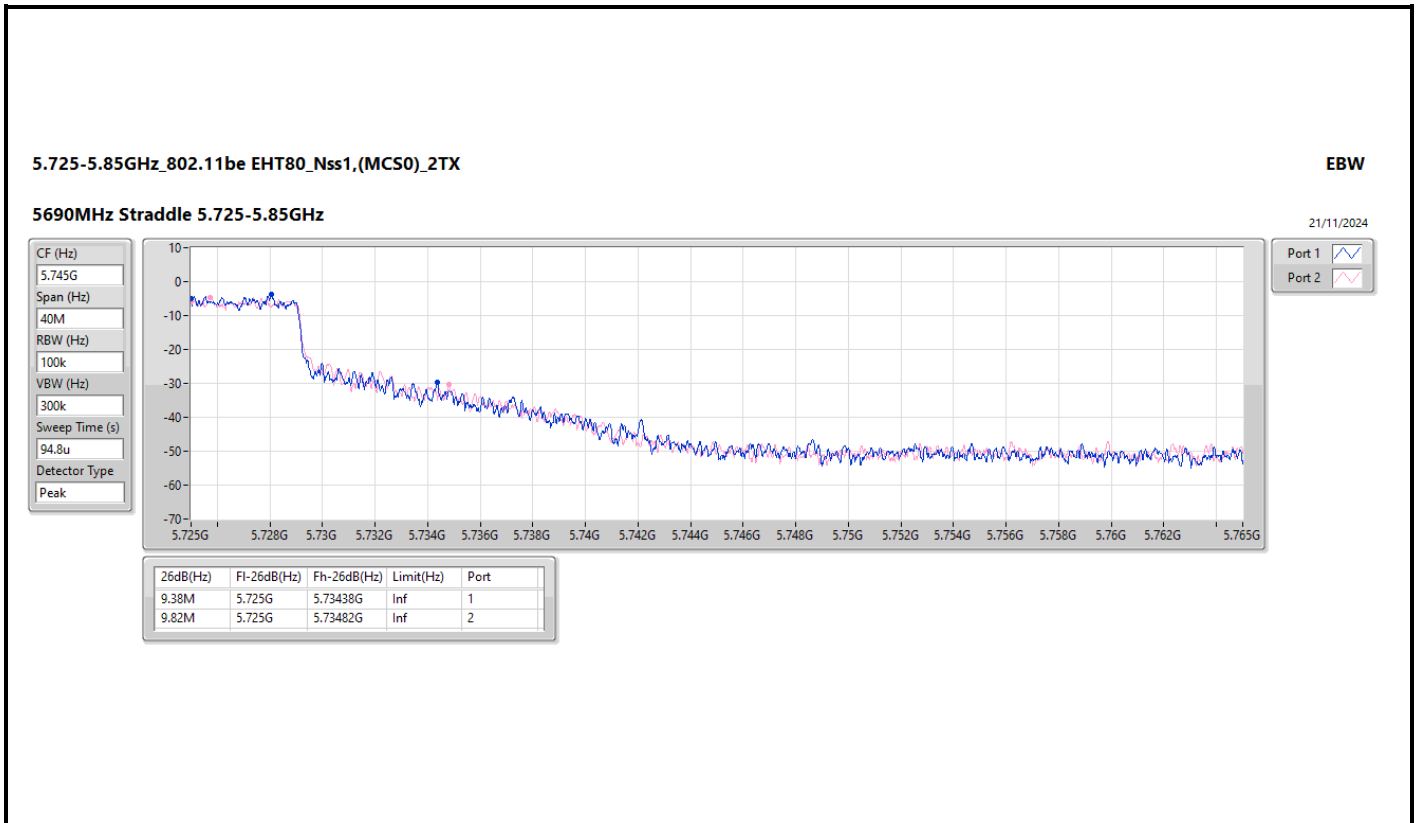
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

21/11/2024





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	80.56M	77.481M	77M5D1D	80.48M	77.401M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.055M	16.756M	16M8D1D	21.395M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	21.78M	19.165M	19M2D1D	21.12M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	41.8M	37.931M	37M9D1D	40.26M	37.831M
802.11be EHT80_Nss1,(MCS0)_2TX	88M	77.461M	77M5D1D	86.02M	77.361M
802.11be EHT160_Nss1,(MCS0)_2TX	80.32M	77.641M	77M6D1D	80M	77.561M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.33M	16.822M	16M8D1D	15.69M	13.283M
802.11be EHT20_Nss1,(MCS0)_2TX	23.045M	19.19M	19M2D1D	15.585M	14.438M
802.11be EHT40_Nss1,(MCS0)_2TX	42.35M	38.081M	38M1D1D	35.28M	33.793M
802.11be EHT80_Nss1,(MCS0)_2TX	87.78M	77.561M	77M6D1D	77.475M	73.388M
802.11be EHT160_Nss1,(MCS0)_2TX	161.04M	157.121M	157MD1D	160.16M	156.722M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.28M	4.338M	4M34D1D	3.24M	4.238M
802.11be EHT20_Nss1,(MCS0)_2TX	4.56M	4.658M	4M66D1D	4.56M	4.618M
802.11be EHT40_Nss1,(MCS0)_2TX	4.1M	4.418M	4M42D1D	4.04M	4.198M
802.11be EHT80_Nss1,(MCS0)_2TX	4.14M	6.177M	6M18D1D	4.12M	6.017M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.395M	16.646M	22.055M	16.734M
5300MHz	Pass	Inf	21.78M	16.668M	21.78M	16.756M
5320MHz	Pass	Inf	21.725M	16.734M	21.45M	16.712M
5500MHz	Pass	Inf	21.56M	16.712M	21.56M	16.756M
5580MHz	Pass	Inf	22.33M	16.778M	21.725M	16.778M
5700MHz	Pass	Inf	21.23M	16.822M	22.11M	16.624M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.433M	15.87M	13.283M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.238M	3.28M	4.338M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.34M	18.966M	21.56M	18.991M
5300MHz	Pass	Inf	21.12M	19.115M	21.78M	19.165M
5320MHz	Pass	Inf	21.45M	18.966M	21.56M	19.04M
5500MHz	Pass	Inf	21.285M	18.991M	23.045M	19.04M
5580MHz	Pass	Inf	20.9M	19.14M	21.615M	19.165M
5700MHz	Pass	Inf	21.175M	19.19M	22.33M	19.065M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.035M	14.453M	15.585M	14.438M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.618M	4.56M	4.658M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.26M	37.881M	41.8M	37.831M
5310MHz	Pass	Inf	41.14M	37.931M	41.14M	37.831M
5510MHz	Pass	Inf	41.47M	37.881M	41.25M	37.831M
5550MHz	Pass	Inf	41.25M	37.881M	41.25M	37.931M
5670MHz	Pass	Inf	42.35M	37.931M	40.59M	38.081M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.015M	33.793M	35.28M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.198M	4.04M	4.418M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	86.02M	77.461M	88M	77.361M
5530MHz	Pass	Inf	82.06M	77.461M	87.78M	77.461M
5610MHz	Pass	Inf	83.16M	77.461M	84.26M	77.561M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.775M	73.613M	77.475M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	6.177M	4.14M	6.017M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.481M	80.48M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80M	77.641M	80.32M	77.561M
5570MHz	Pass	Inf	160.16M	156.722M	161.04M	157.121M

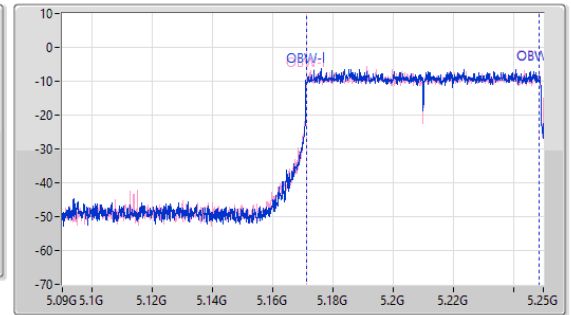
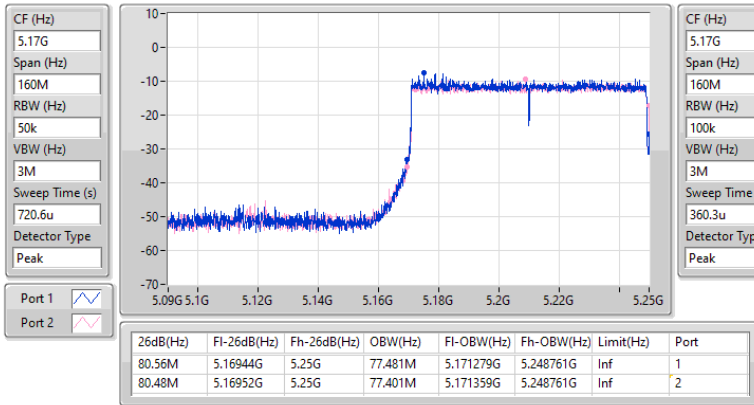
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/12/2024

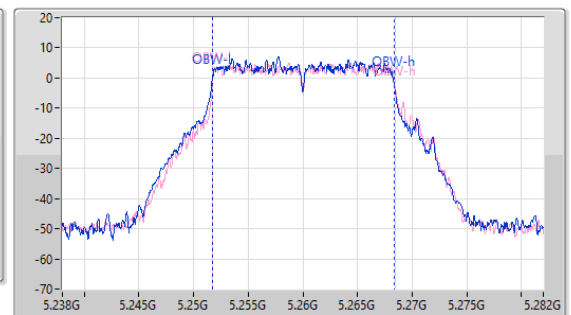
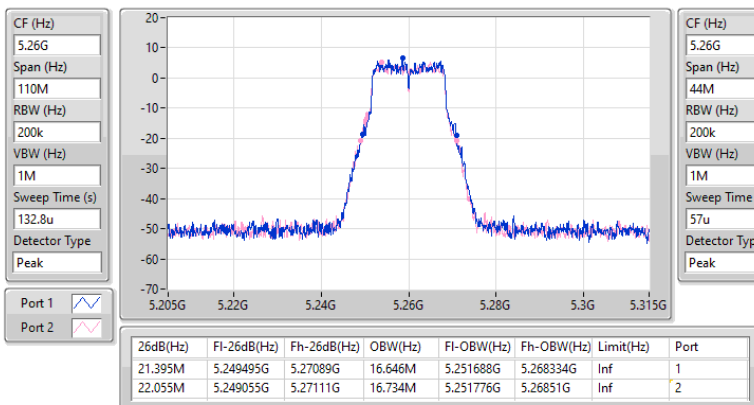


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

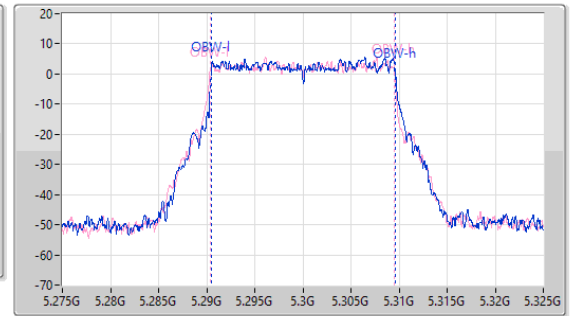
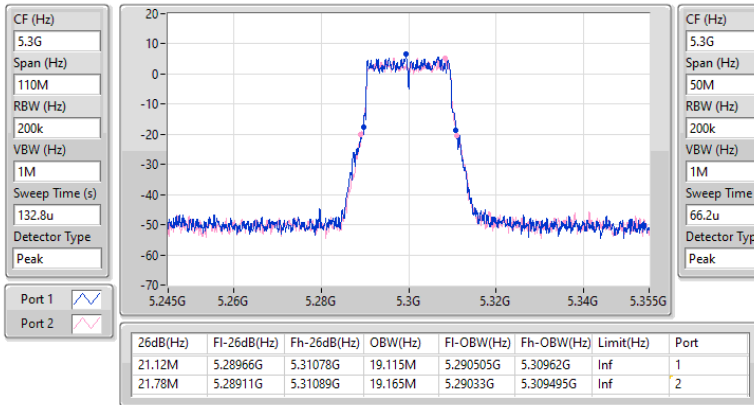
5260MHz

03/12/2024

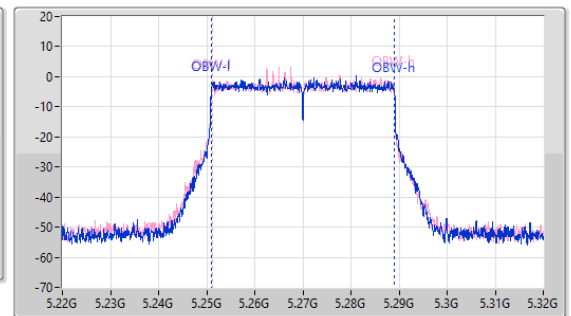
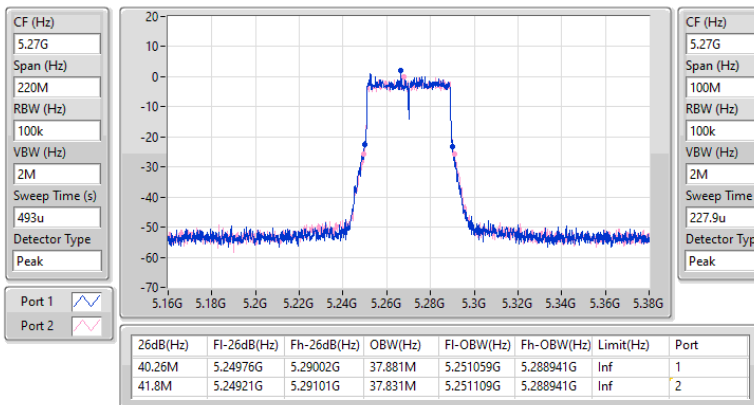


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

03/12/2024


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

03/12/2024

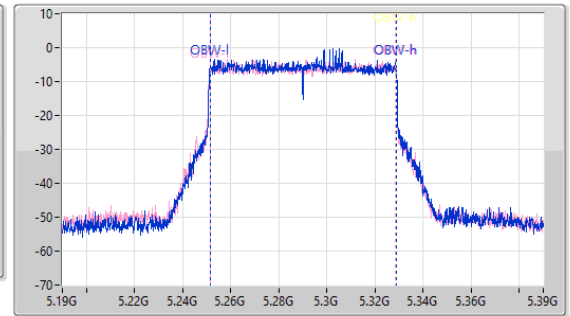
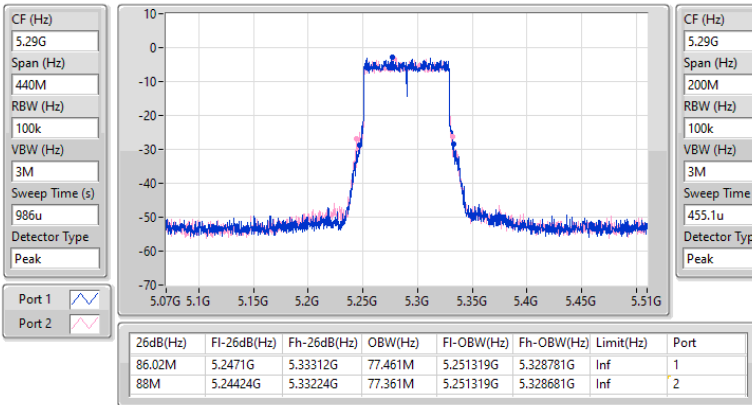


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

03/12/2024

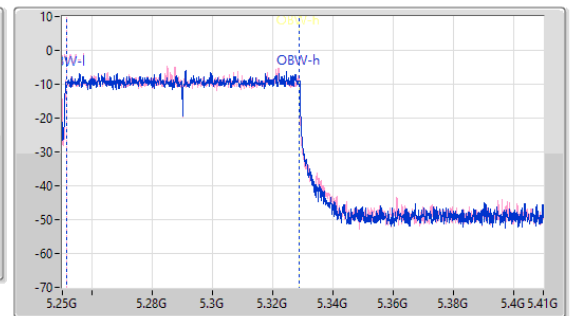
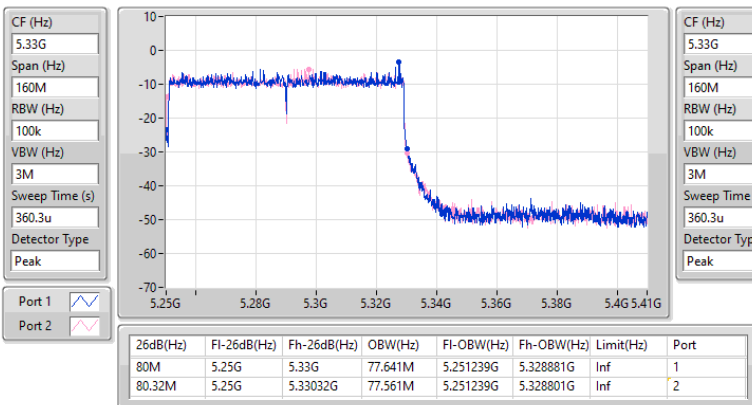


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/12/2024

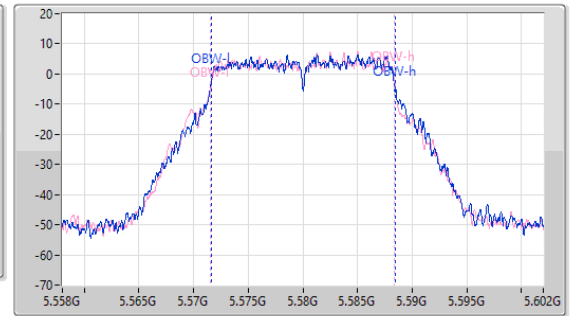
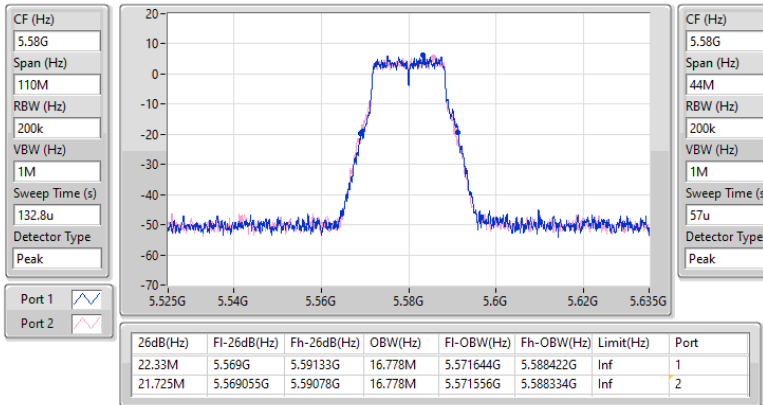


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

03/12/2024

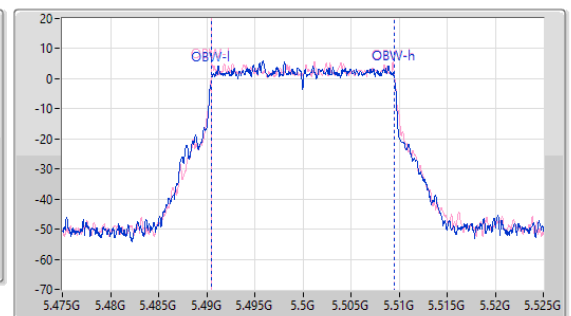
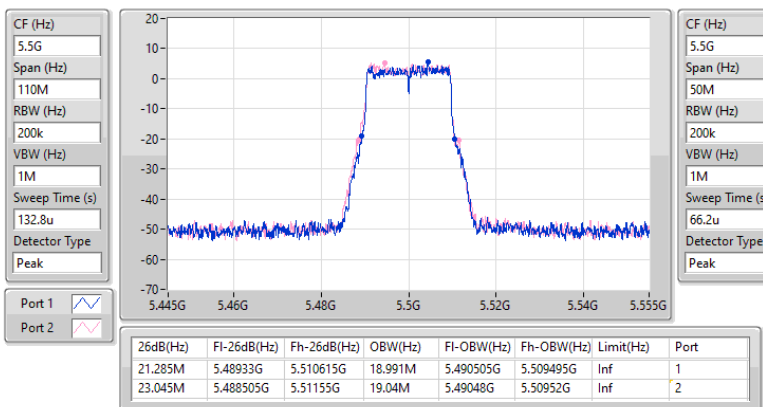


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

03/12/2024

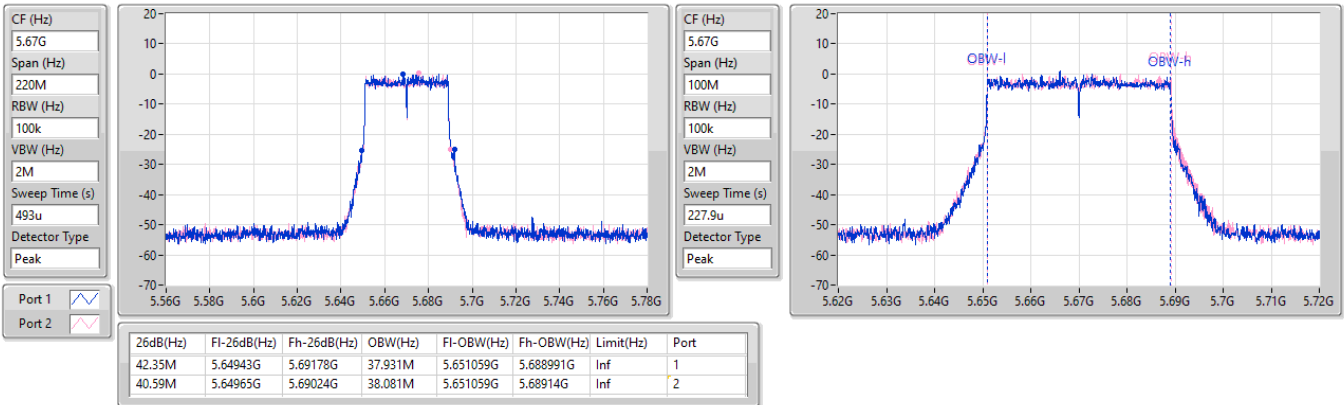


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

03/12/2024

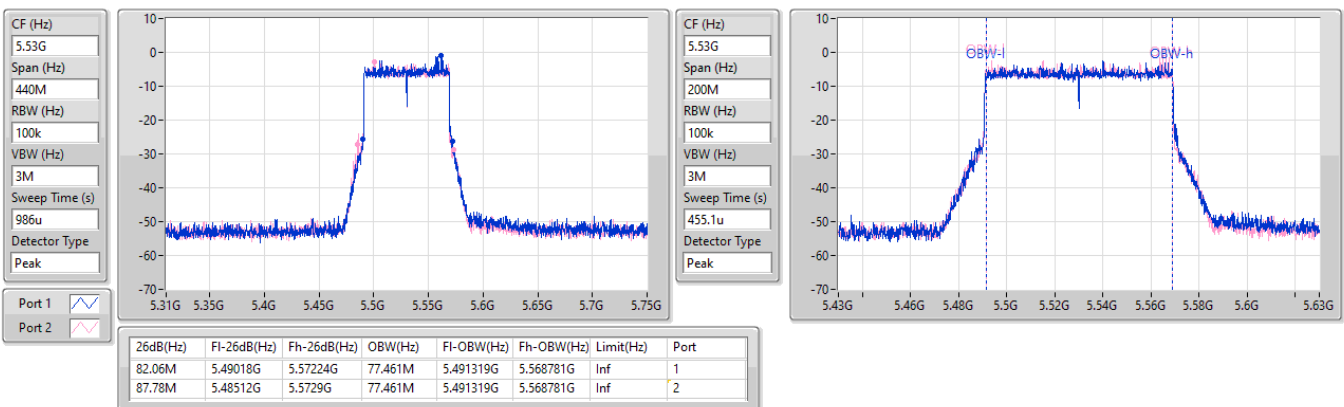


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

03/12/2024

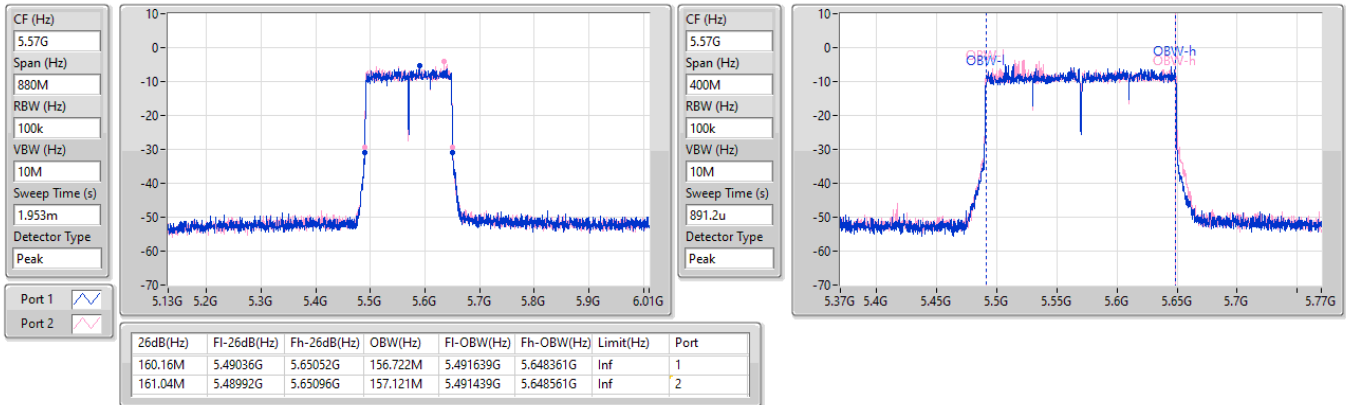


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

03/12/2024

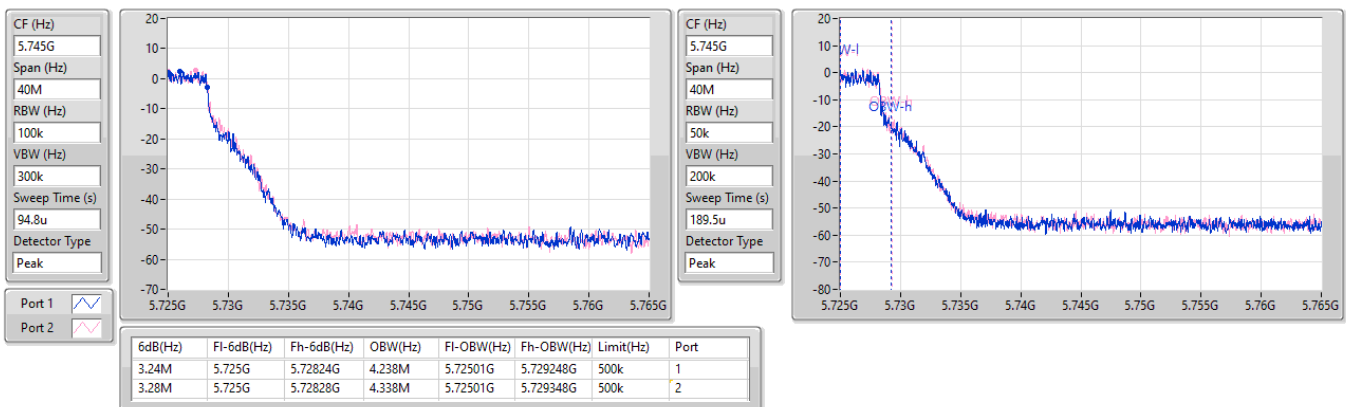


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/12/2024

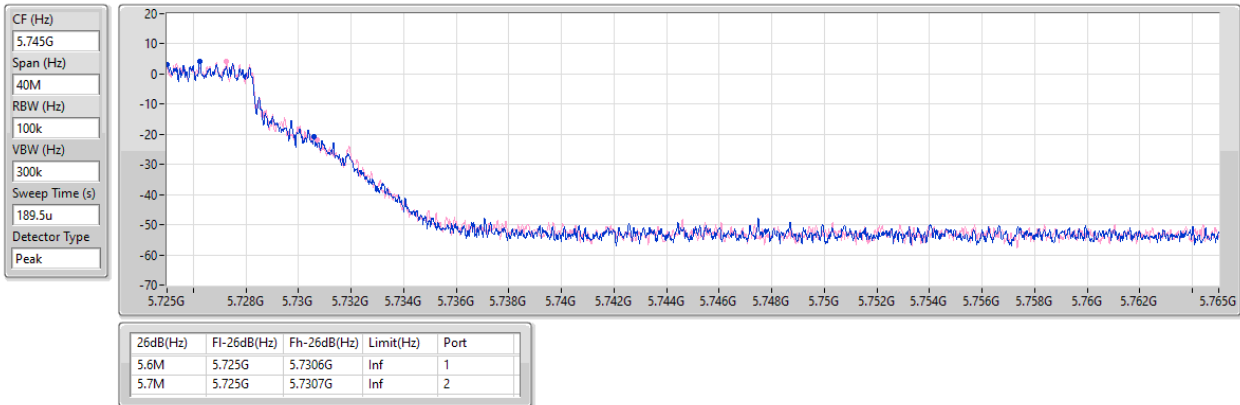


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/12/2024

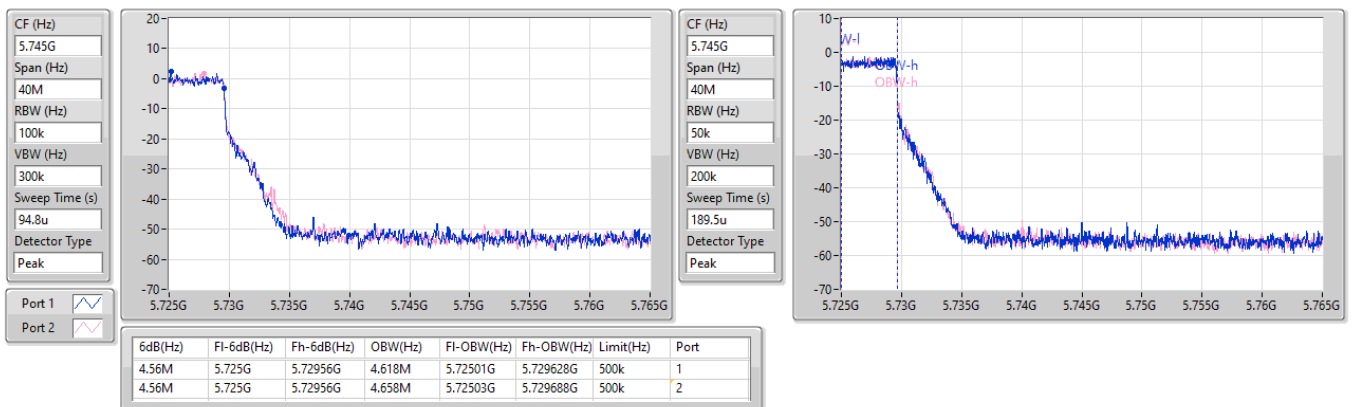


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/12/2024

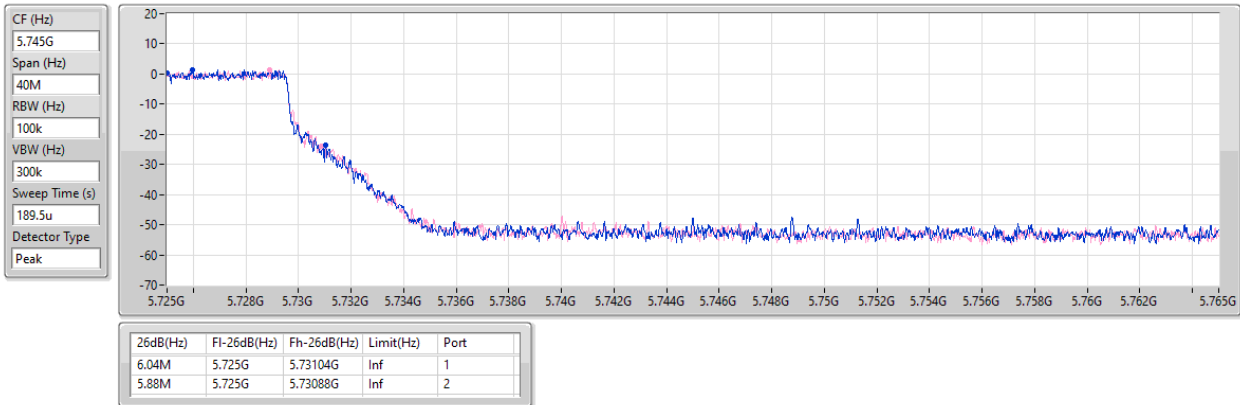


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/12/2024

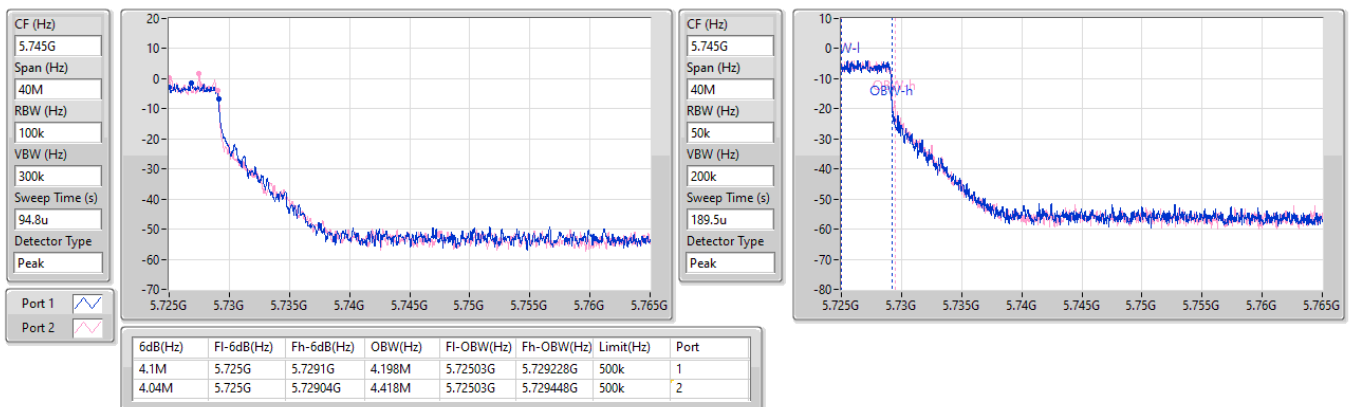


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2024

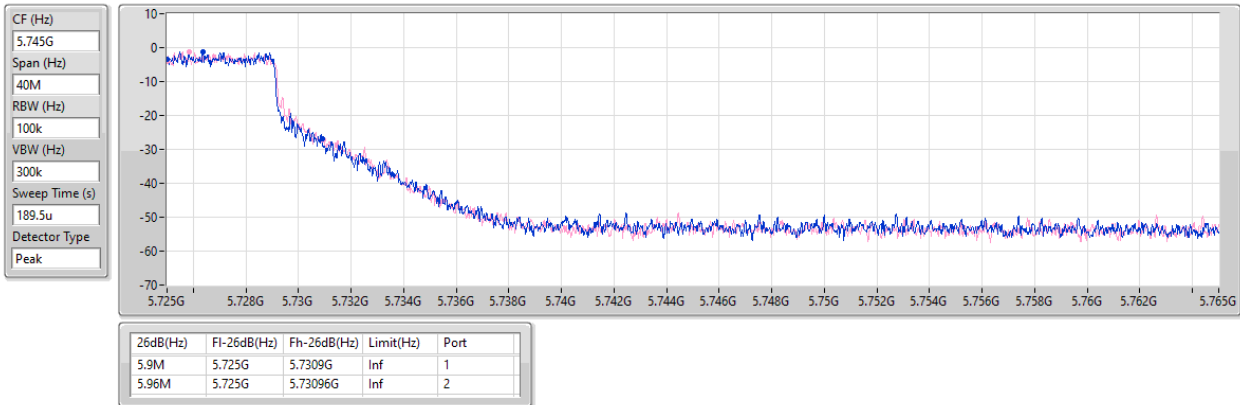


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2024

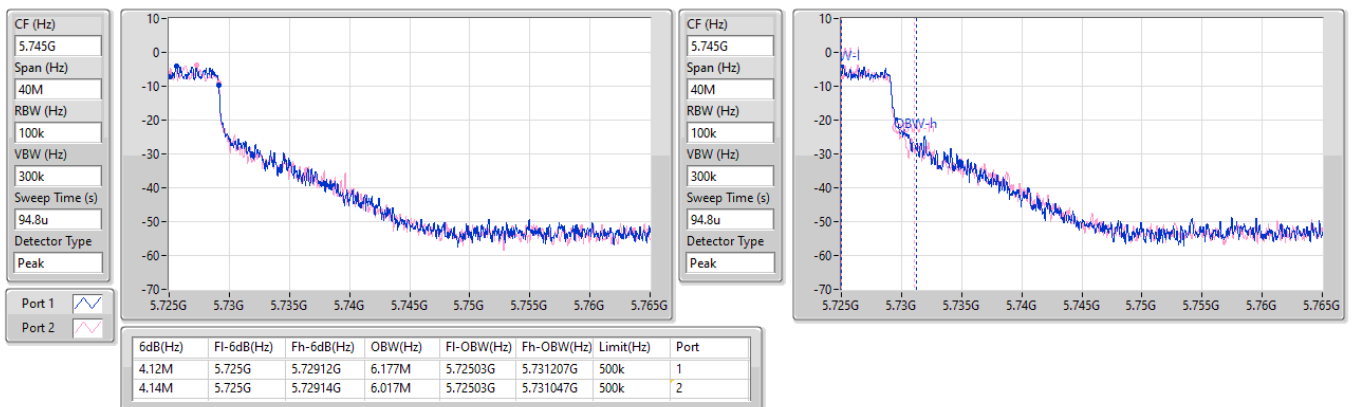


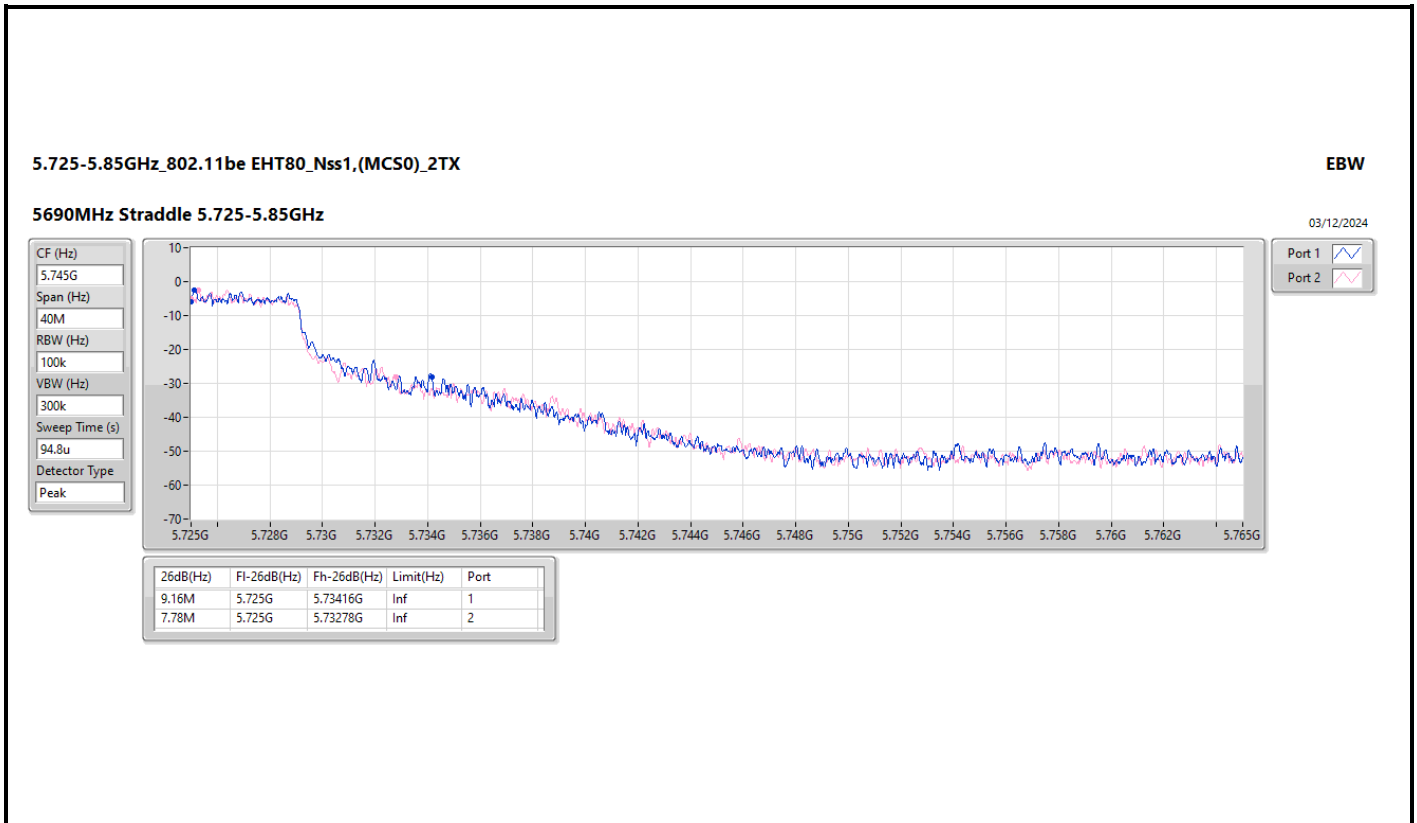
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/12/2024





**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	80.16M	77.641M	77M6D1D	79.84M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.65M	16.8M	16M8D1D	20.625M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	22.11M	19.09M	19M1D1D	21.065M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	42.46M	37.981M	38M0D1D	40.7M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	86.46M	77.661M	77M7D1D	81.62M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	80.48M	77.481M	77M5D1D	79.92M	77.401M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.78M	16.888M	16M9D1D	15.825M	13.283M
802.11be EHT20_Nss1,(MCS0)_2TX	21.835M	19.14M	19M1D1D	15.81M	14.393M
802.11be EHT40_Nss1,(MCS0)_2TX	43.45M	37.981M	38M0D1D	36.015M	33.653M
802.11be EHT80_Nss1,(MCS0)_2TX	90.86M	77.561M	77M6D1D	76.35M	73.388M
802.11be EHT160_Nss1,(MCS0)_2TX	160.6M	156.922M	157MD1D	160.16M	156.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.28M	4.278M	4M28D1D	3.26M	4.198M
802.11be EHT20_Nss1,(MCS0)_2TX	4.54M	4.598M	4M60D1D	4.54M	4.578M
802.11be EHT40_Nss1,(MCS0)_2TX	4.08M	4.178M	4M18D1D	4.06M	4.138M
802.11be EHT80_Nss1,(MCS0)_2TX	4.08M	6.737M	6M74D1D	4.06M	5.157M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.055M	16.712M	21.67M	16.712M
5300MHz	Pass	Inf	20.625M	16.668M	21.285M	16.602M
5320MHz	Pass	Inf	21.835M	16.778M	23.65M	16.8M
5500MHz	Pass	Inf	20.845M	16.558M	21.01M	16.888M
5580MHz	Pass	Inf	21.34M	16.712M	21.78M	16.8M
5700MHz	Pass	Inf	21.56M	16.536M	21.23M	16.536M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	13.343M	15.825M	13.283M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.198M	3.26M	4.278M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.175M	19.04M	21.065M	19.065M
5300MHz	Pass	Inf	21.89M	19.09M	22.11M	18.966M
5320MHz	Pass	Inf	21.67M	18.966M	22.055M	18.991M
5500MHz	Pass	Inf	21.12M	19.04M	21.175M	19.14M
5580MHz	Pass	Inf	21.835M	19.015M	20.68M	19.065M
5700MHz	Pass	Inf	20.9M	19.065M	21.67M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.81M	14.483M	16.005M	14.393M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.598M	4.54M	4.578M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.7M	37.981M	42.46M	37.831M
5310MHz	Pass	Inf	41.14M	37.831M	41.58M	37.781M
5510MHz	Pass	Inf	42.13M	37.831M	42.13M	37.831M
5550MHz	Pass	Inf	41.91M	37.931M	41.25M	37.831M
5670MHz	Pass	Inf	40.59M	37.931M	43.45M	37.981M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.015M	33.793M	36.015M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.138M	4.06M	4.178M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	86.46M	77.461M	81.62M	77.661M
5530MHz	Pass	Inf	84.26M	77.461M	80.74M	77.561M
5610MHz	Pass	Inf	90.86M	77.461M	88.44M	77.561M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.388M	76.65M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	5.157M	4.06M	6.737M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.84M	77.481M	80.16M	77.641M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.92M	77.401M	80.48M	77.481M
5570MHz	Pass	Inf	160.16M	156.922M	160.6M	156.922M

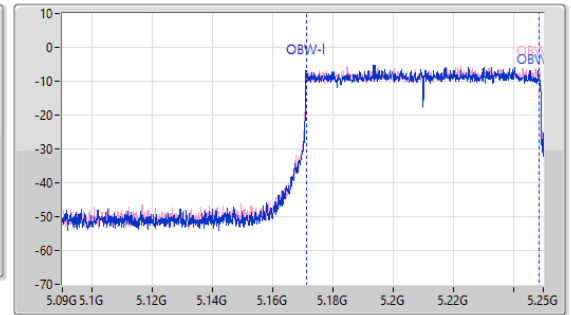
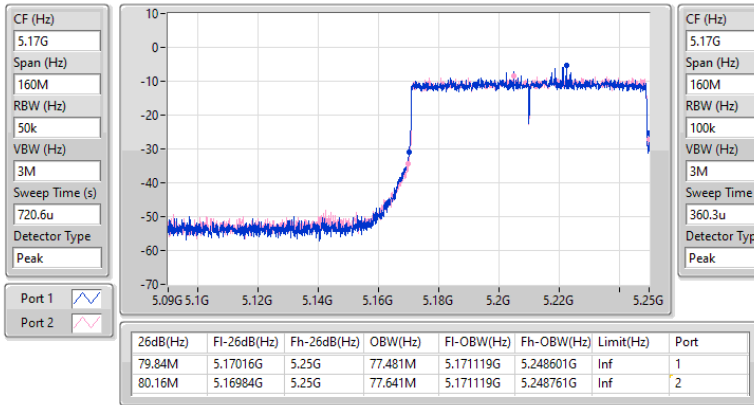
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

05/12/2024

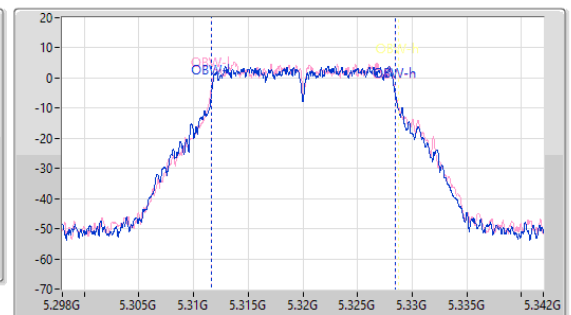
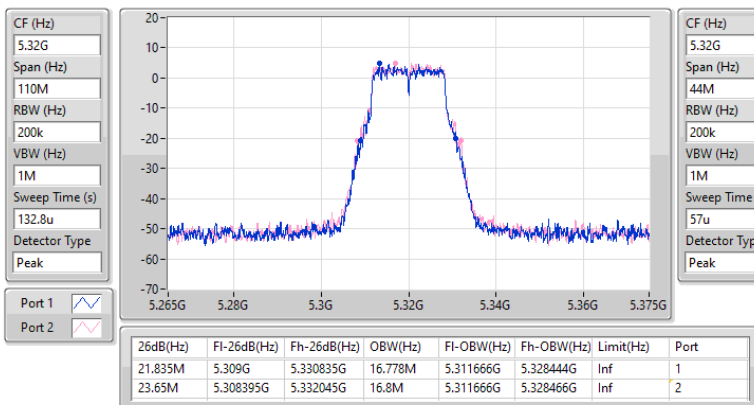


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

05/12/2024

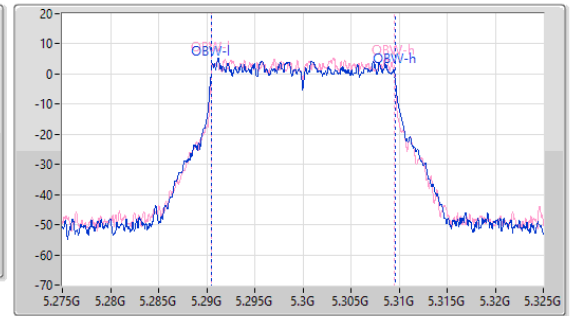
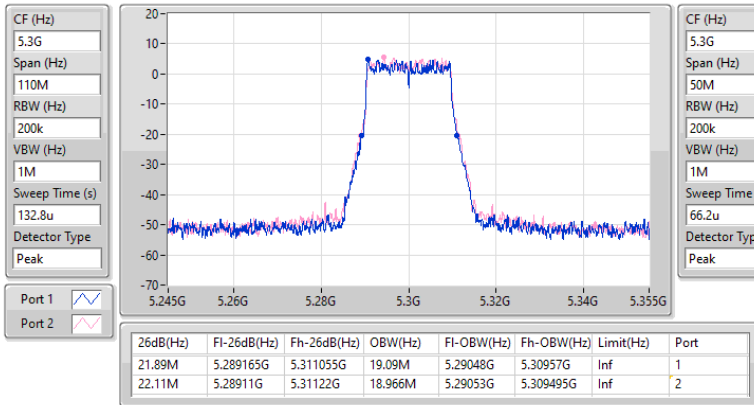


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

05/12/2024

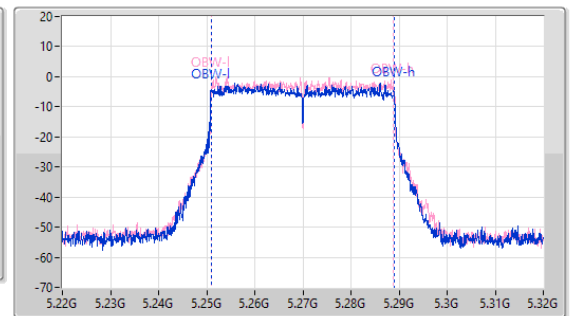
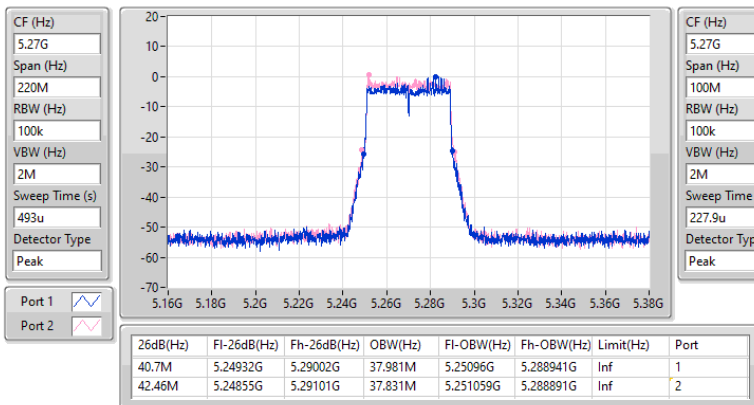


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

05/12/2024

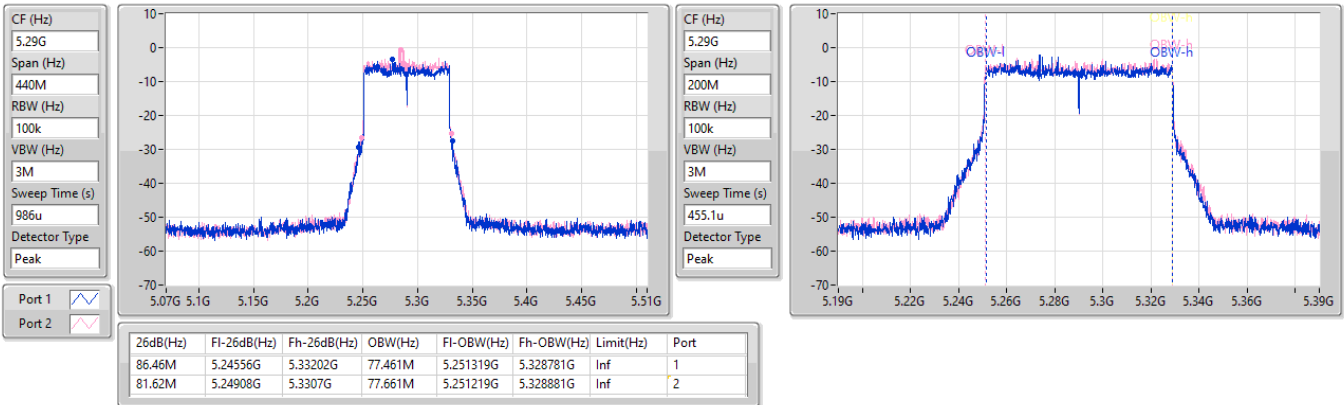


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

05/12/2024

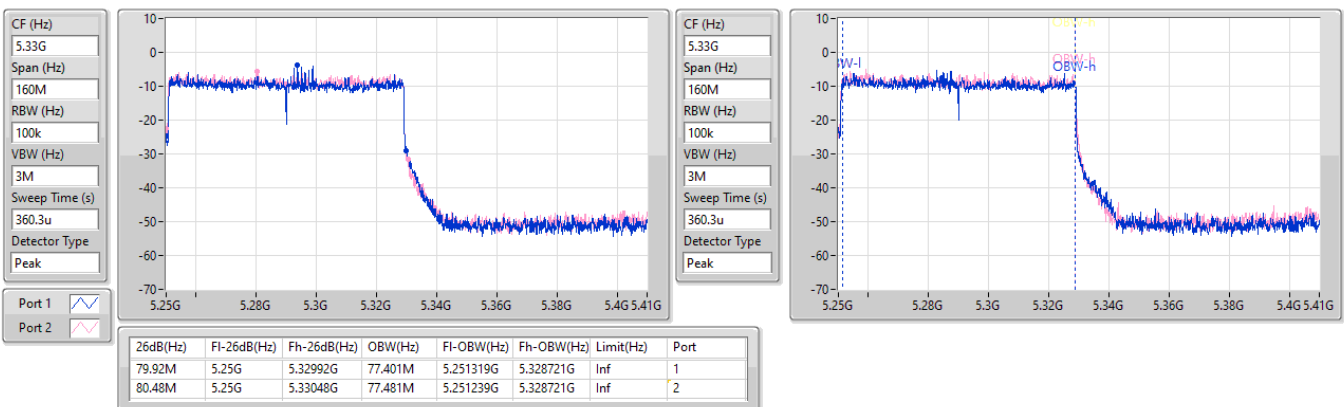


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

05/12/2024

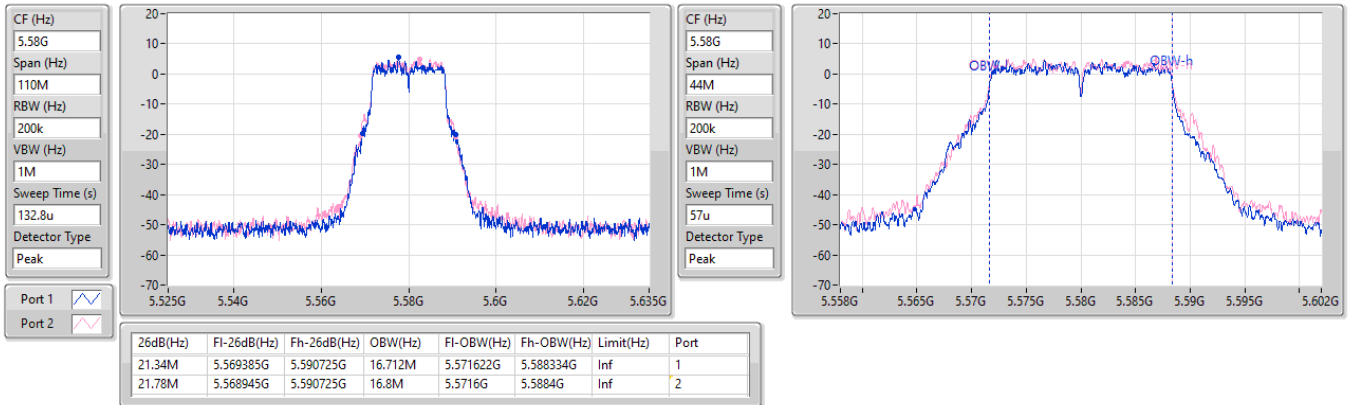


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

05/12/2024

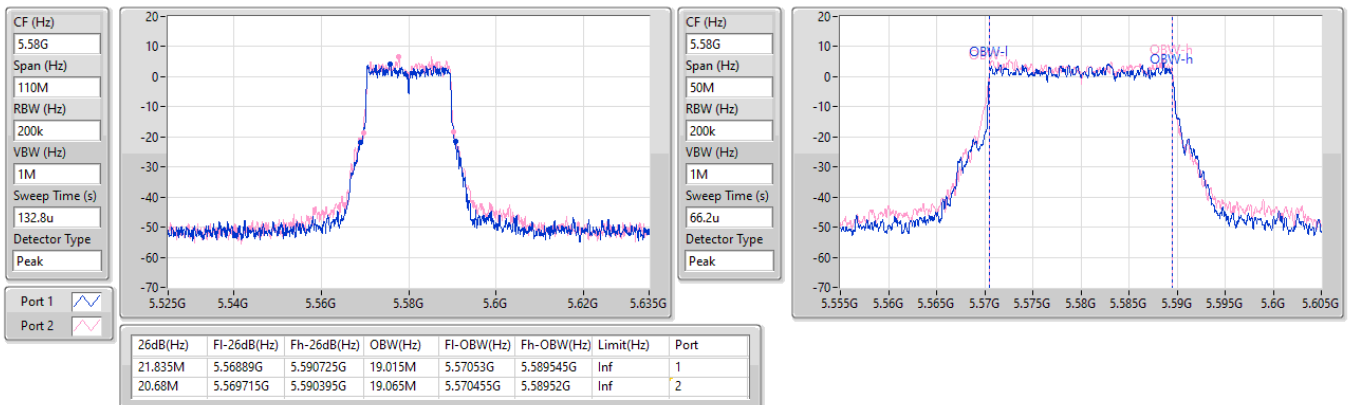


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

05/12/2024

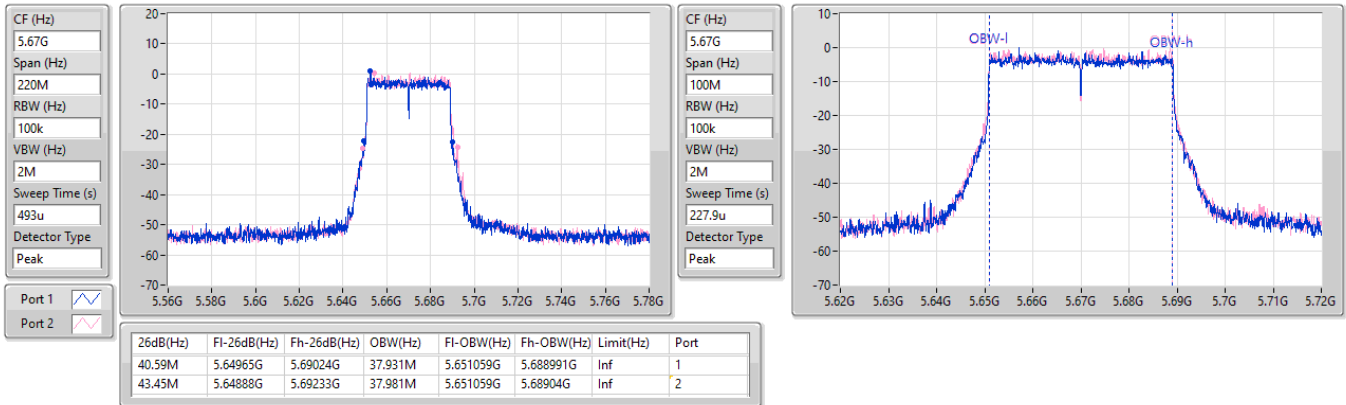


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

05/12/2024

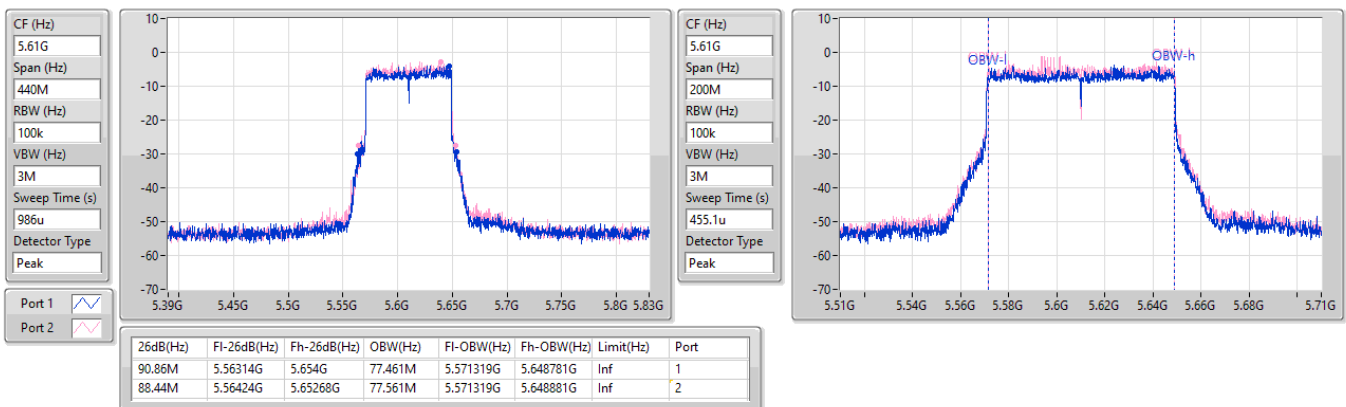


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

05/12/2024

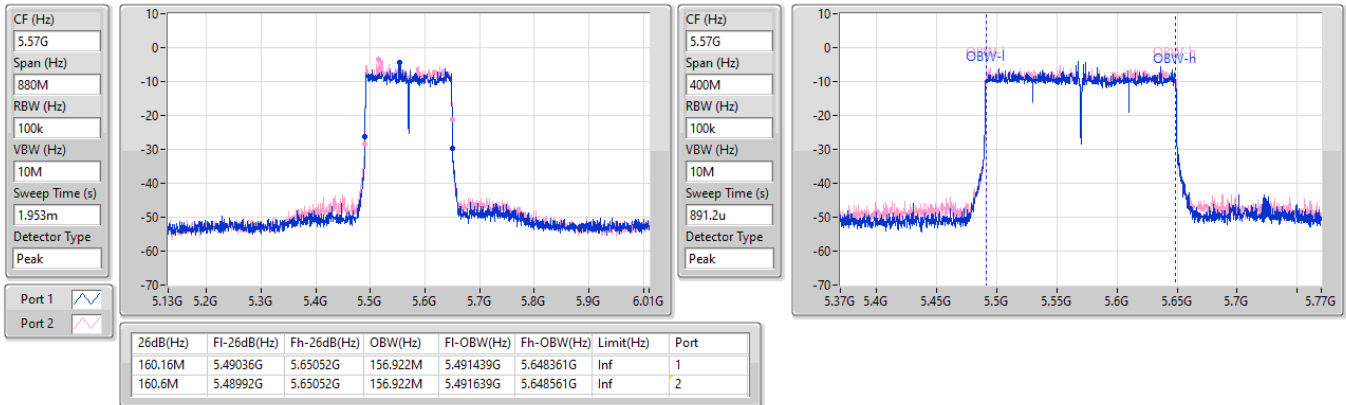


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

05/12/2024

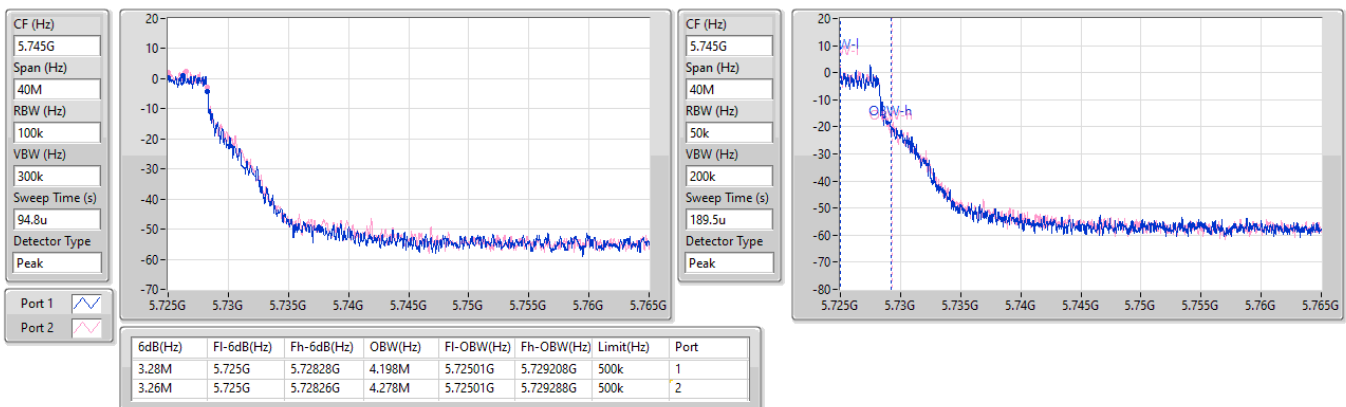


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/12/2024

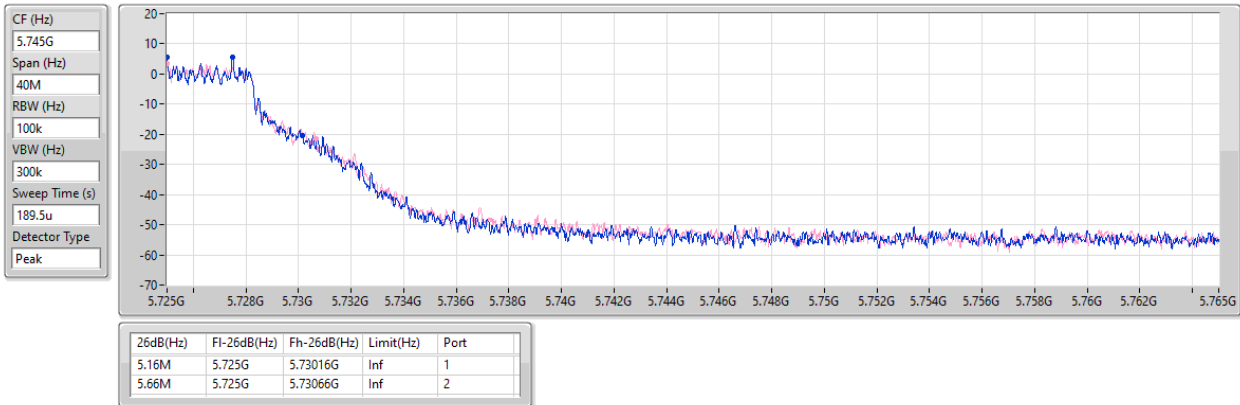


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/12/2024

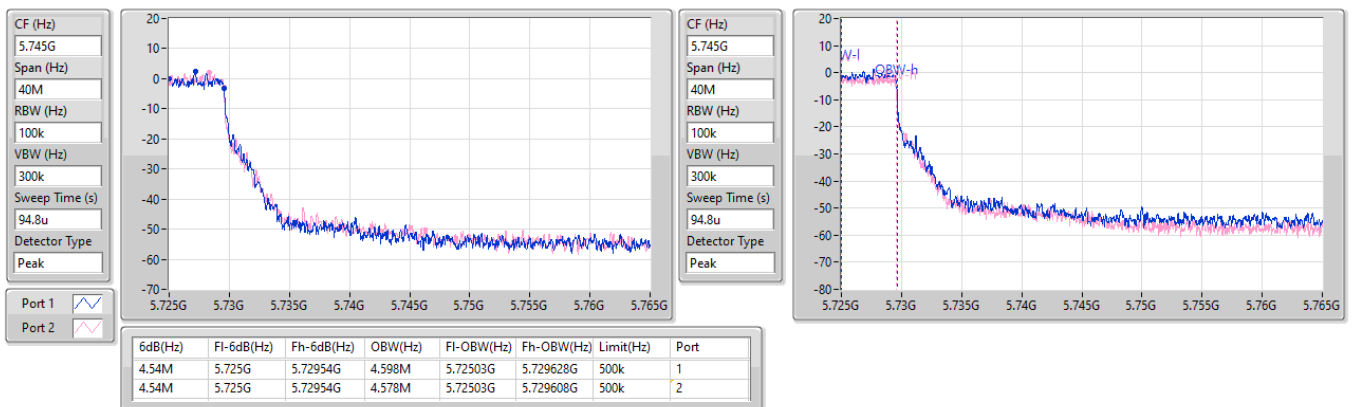


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/12/2024

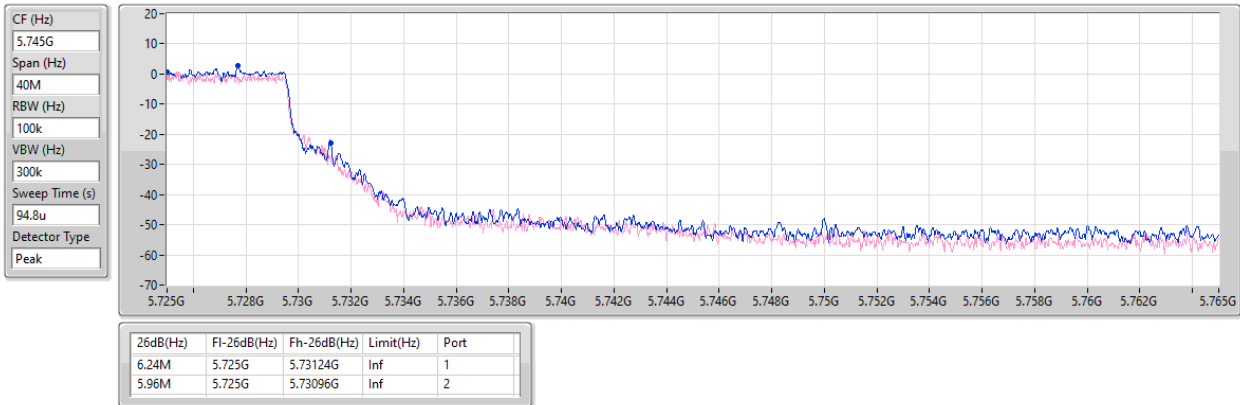


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/12/2024

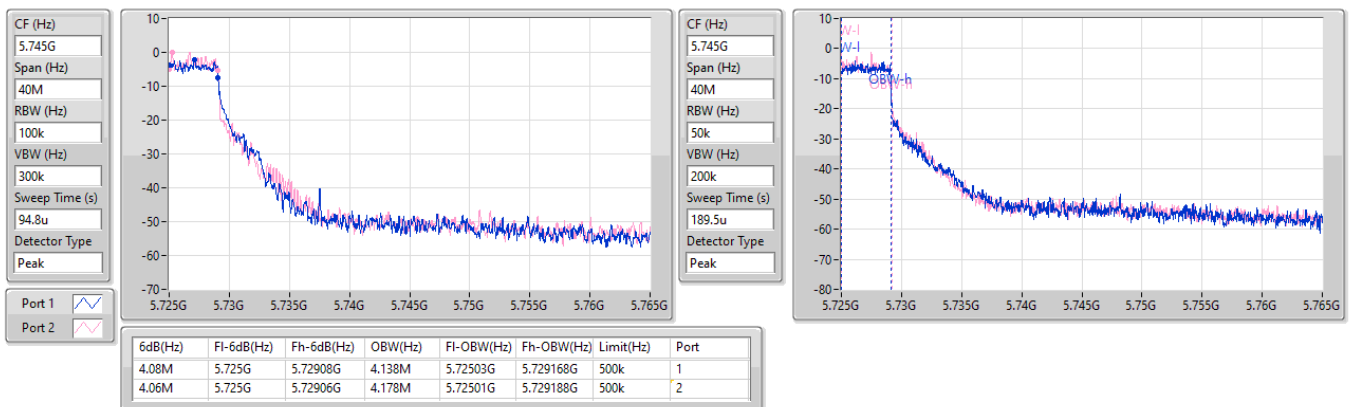


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

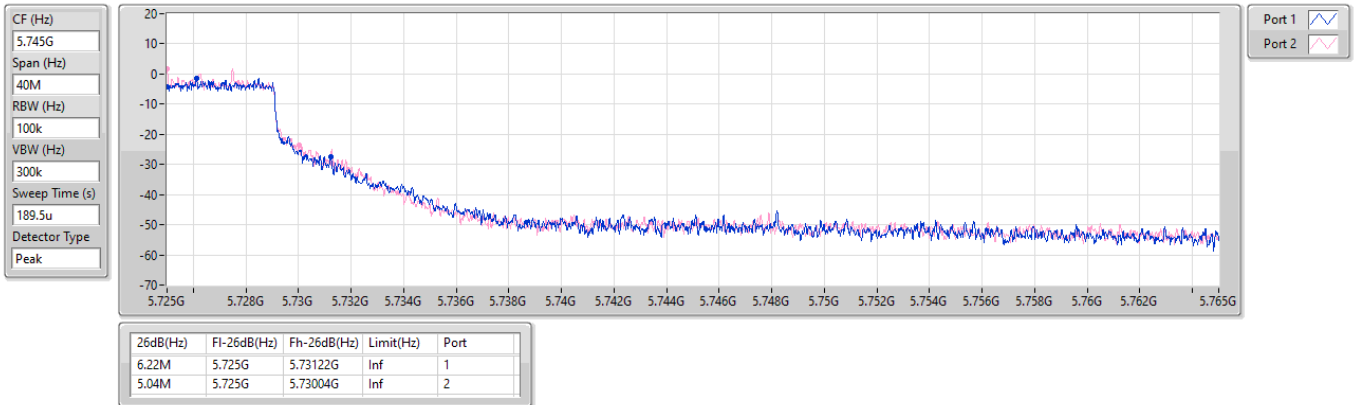
5710MHz Straddle 5.725-5.85GHz

05/12/2024

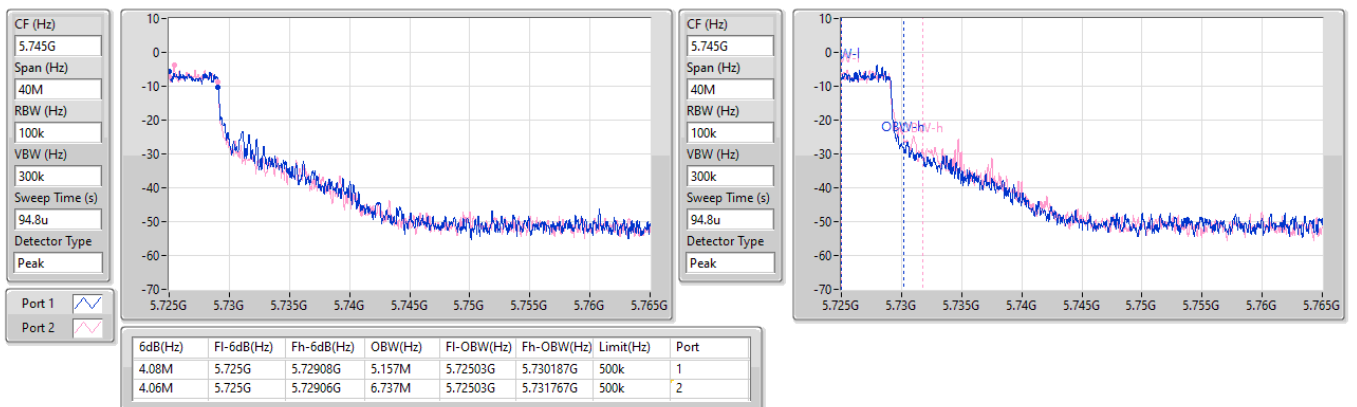


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2024


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2024

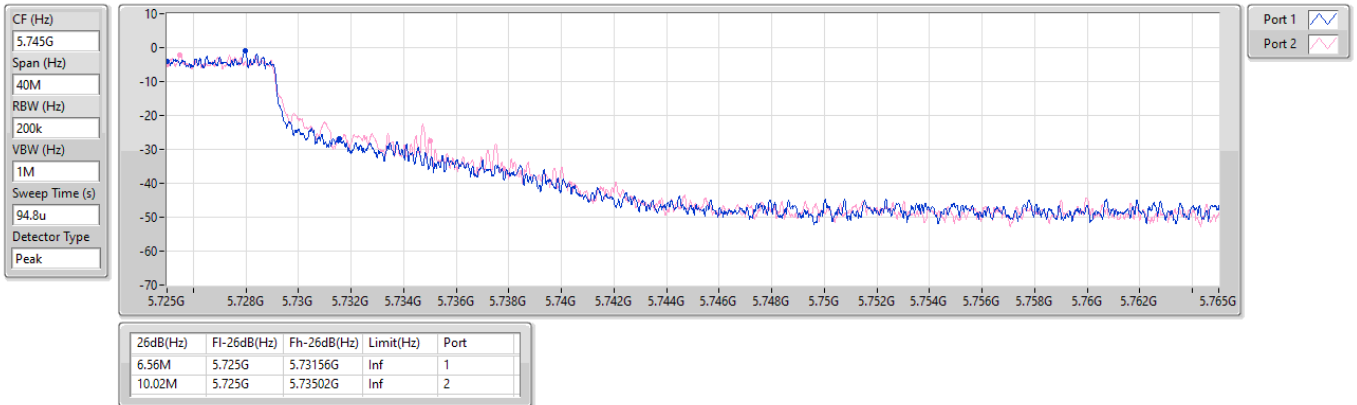


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/12/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	17.20	0.05248
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.30	0.10715
802.11be EHT20_Nss1,(MCS0)_2TX	20.13	0.10304
802.11be EHT40_Nss1,(MCS0)_2TX	20.06	0.10139
802.11be EHT80_Nss1,(MCS0)_2TX	20.02	0.10046
802.11be EHT160_Nss1,(MCS0)_2TX	16.96	0.04966
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.38	0.10914
802.11be EHT20_Nss1,(MCS0)_2TX	20.26	0.10617
802.11be EHT40_Nss1,(MCS0)_2TX	20.24	0.10568
802.11be EHT80_Nss1,(MCS0)_2TX	20.25	0.10593
802.11be EHT160_Nss1,(MCS0)_2TX	20.13	0.10304
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.50	0.02239
802.11be EHT20_Nss1,(MCS0)_2TX	14.00	0.02512
802.11be EHT40_Nss1,(MCS0)_2TX	10.57	0.01140
802.11be EHT80_Nss1,(MCS0)_2TX	7.41	0.00551

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit	EIRP [Phi 30°]	EIRP [Phi 30°] Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-		
5260MHz	Pass	5.97	17.23	17.34	20.30	23.98		
5300MHz	Pass	5.97	16.64	16.87	19.77	23.98		
5320MHz	Pass	5.97	16.89	17.08	20.00	23.98		
5500MHz	Pass	5.26	17.11	17.29	20.21	23.98		
5580MHz	Pass	5.26	16.96	17.17	20.08	23.98		
5700MHz	Pass	5.26	17.23	17.50	20.38	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	16.20	16.46	19.34	23.09		
5720MHz Straddle 5.725-5.85GHz	Pass	4.37	10.32	10.65	13.50	30.00		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5260MHz	Pass	5.97	17.00	17.23	20.13	23.98		
5300MHz	Pass	5.97	16.59	16.86	19.74	23.98		
5320MHz	Pass	5.97	16.76	16.96	19.87	23.98		
5500MHz	Pass	5.26	17.03	17.23	20.14	23.98		
5580MHz	Pass	5.26	17.07	17.06	20.08	23.98		
5700MHz	Pass	5.26	17.12	17.37	20.26	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	15.64	15.91	18.79	23.02		
5720MHz Straddle 5.725-5.85GHz	Pass	4.37	10.89	11.08	14.00	30.00		
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5270MHz	Pass	5.97	16.90	17.20	20.06	23.98		
5310MHz	Pass	5.97	16.86	17.07	19.98	23.98		
5510MHz	Pass	5.26	17.15	17.31	20.24	23.98		
5550MHz	Pass	5.26	17.12	17.12	20.13	23.98		
5670MHz	Pass	5.26	17.05	17.32	20.20	23.98		
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	16.48	16.76	19.63	23.98		
5710MHz Straddle 5.725-5.85GHz	Pass	4.37	7.38	7.73	10.57	30.00		
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5290MHz	Pass	5.97	16.94	17.07	20.02	23.98		
5530MHz	Pass	5.26	17.13	17.13	20.14	23.98		
5610MHz	Pass	5.26	17.16	17.32	20.25	23.98		
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	16.76	17.00	19.89	23.98		
5690MHz Straddle 5.725-5.85GHz	Pass	4.37	4.18	4.61	7.41	30.00		
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5250MHz Straddle 5.15-5.25GHz	Pass	5.33	14.00	14.38	17.20	23.98	17.39	21.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.97	13.94	13.96	16.96	23.98		
5570MHz	Pass	5.26	17.14	17.10	20.13	23.98		

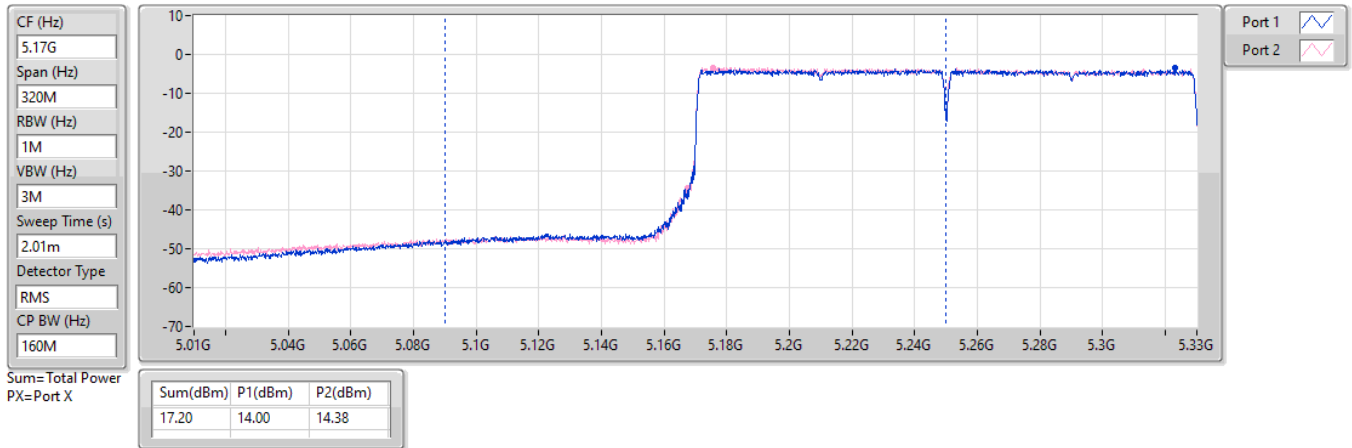
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

06/12/2024

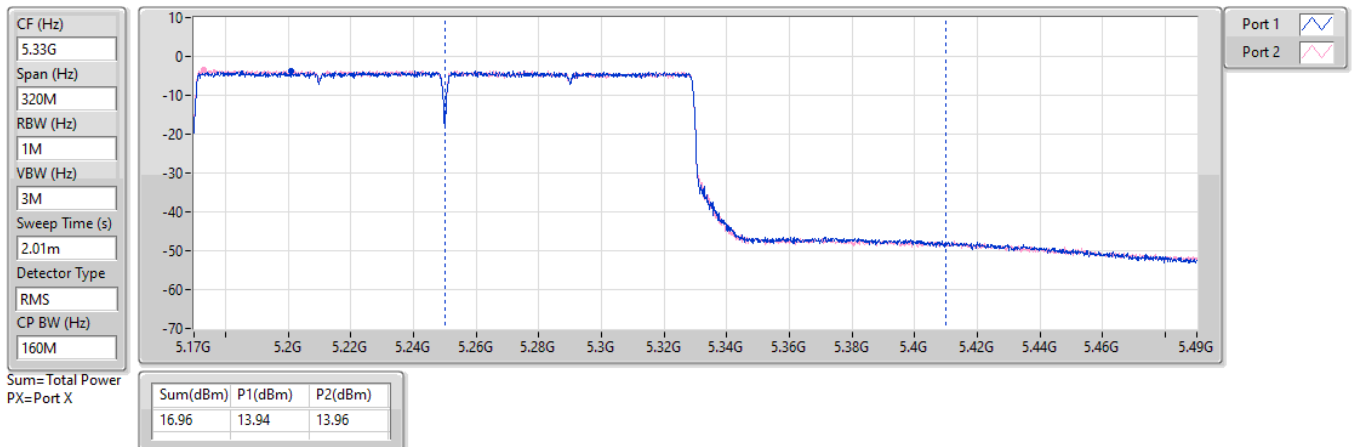


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

06/12/2024



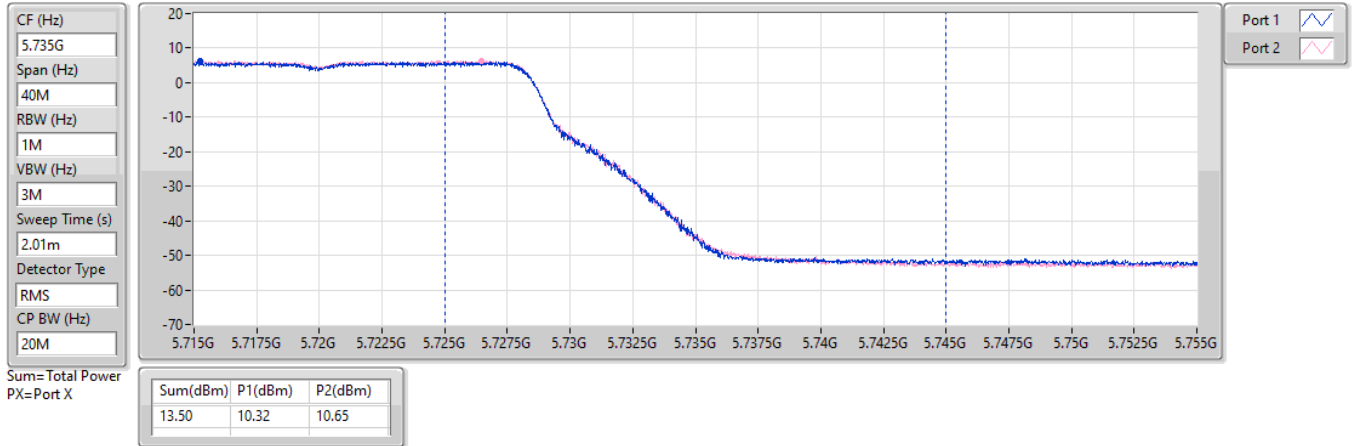


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

06/12/2024

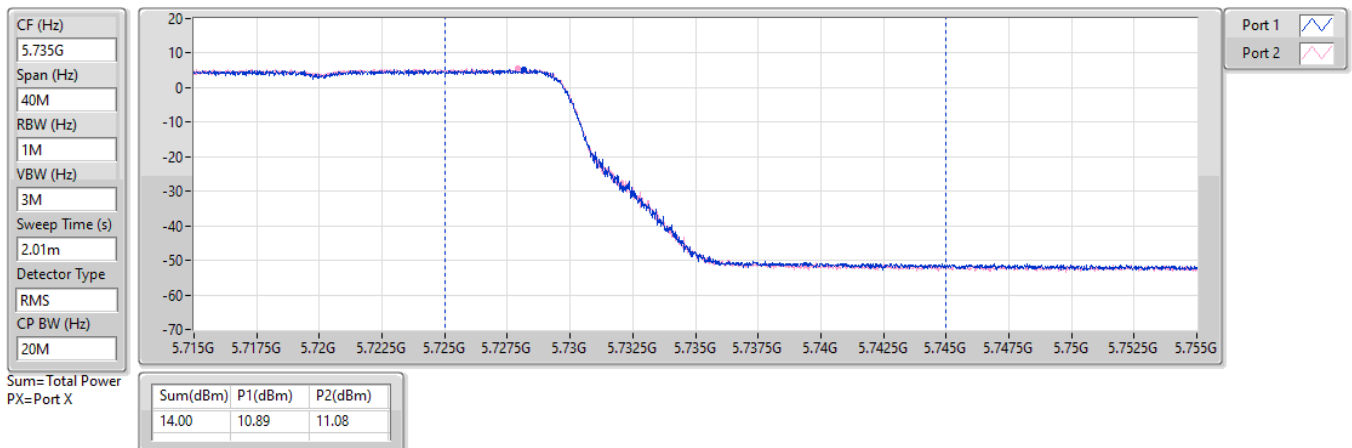


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

06/12/2024

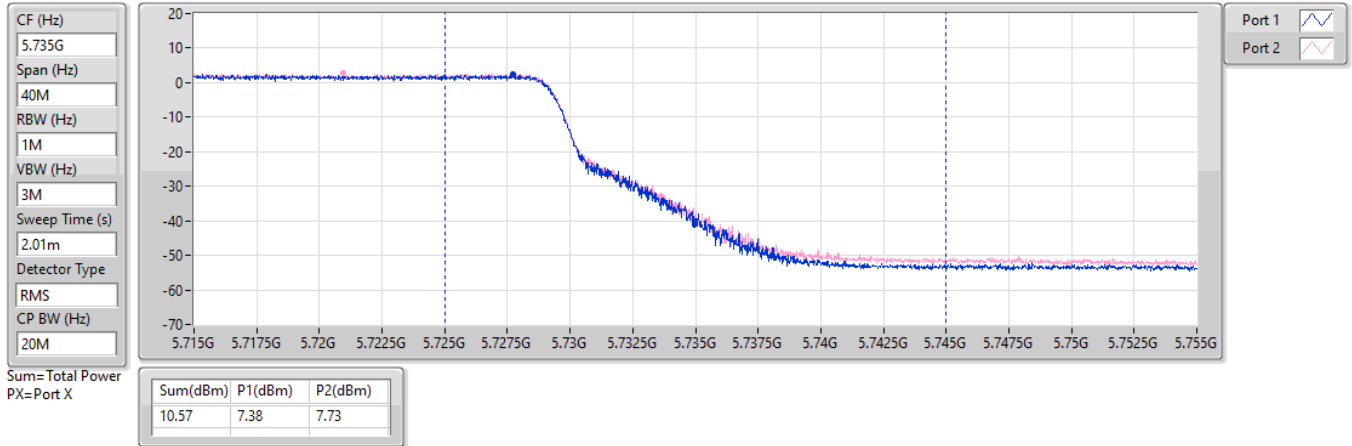


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

06/12/2024

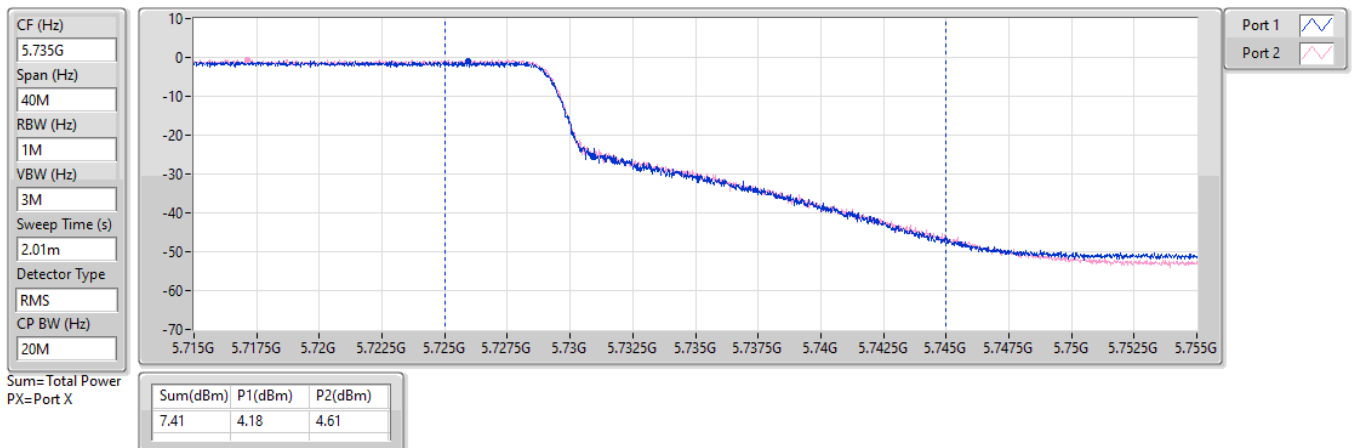


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

06/12/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	17.18	0.05224
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.55	0.11350
802.11be EHT20_Nss1,(MCS0)_2TX	20.71	0.11776
802.11be EHT40_Nss1,(MCS0)_2TX	20.48	0.11169
802.11be EHT80_Nss1,(MCS0)_2TX	20.31	0.10740
802.11be EHT160_Nss1,(MCS0)_2TX	17.02	0.05035
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.68	0.11695
802.11be EHT20_Nss1,(MCS0)_2TX	20.79	0.11995
802.11be EHT40_Nss1,(MCS0)_2TX	20.91	0.12331
802.11be EHT80_Nss1,(MCS0)_2TX	20.57	0.11402
802.11be EHT160_Nss1,(MCS0)_2TX	20.64	0.11588
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.76	0.01888
802.11be EHT20_Nss1,(MCS0)_2TX	13.61	0.02296
802.11be EHT40_Nss1,(MCS0)_2TX	10.00	0.01000
802.11be EHT80_Nss1,(MCS0)_2TX	6.84	0.00483

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-		
5260MHz	Pass	4.34	17.16	17.88	20.55	23.98		
5300MHz	Pass	4.34	17.04	17.40	20.23	23.98		
5320MHz	Pass	4.34	16.65	17.10	19.89	23.98		
5500MHz	Pass	5.05	17.29	18.01	20.68	23.98		
5580MHz	Pass	5.05	16.76	17.82	20.33	23.98		
5700MHz	Pass	5.05	17.44	17.75	20.61	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.05	15.43	16.09	18.78	22.96		
5720MHz Straddle 5.725-5.85GHz	Pass	4.83	9.46	10.03	12.76	30.00		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5260MHz	Pass	4.34	17.37	18.01	20.71	23.98		
5300MHz	Pass	4.34	17.14	17.53	20.35	23.98		
5320MHz	Pass	4.34	16.89	17.24	20.08	23.98		
5500MHz	Pass	5.05	17.39	18.13	20.79	23.98		
5580MHz	Pass	5.05	16.85	17.94	20.44	23.98		
5700MHz	Pass	5.05	17.57	17.89	20.74	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.05	15.26	15.95	18.63	23.05		
5720MHz Straddle 5.725-5.85GHz	Pass	4.83	10.31	10.88	13.61	30.00		
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5270MHz	Pass	4.34	17.12	17.79	20.48	23.98		
5310MHz	Pass	4.34	17.05	17.34	20.21	23.98		
5510MHz	Pass	5.05	17.14	17.95	20.57	23.98		
5550MHz	Pass	5.05	16.80	17.95	20.42	23.98		
5670MHz	Pass	5.05	17.55	18.23	20.91	23.98		
5710MHz Straddle 5.47-5.725GHz	Pass	5.05	15.97	16.47	19.24	23.98		
5710MHz Straddle 5.725-5.85GHz	Pass	4.83	6.93	7.04	10.00	30.00		
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5290MHz	Pass	4.34	17.08	17.50	20.31	23.98		
5530MHz	Pass	5.05	16.93	17.78	20.39	23.98		
5610MHz	Pass	5.05	17.10	17.97	20.57	23.98		
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	16.39	16.76	19.59	23.98		
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	3.91	3.75	6.84	30.00		
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	14.13	14.21	17.18	30.00	20.26	21.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.62	14.36	17.02	23.98		
5570MHz	Pass	5.05	17.03	18.16	20.64	23.98		

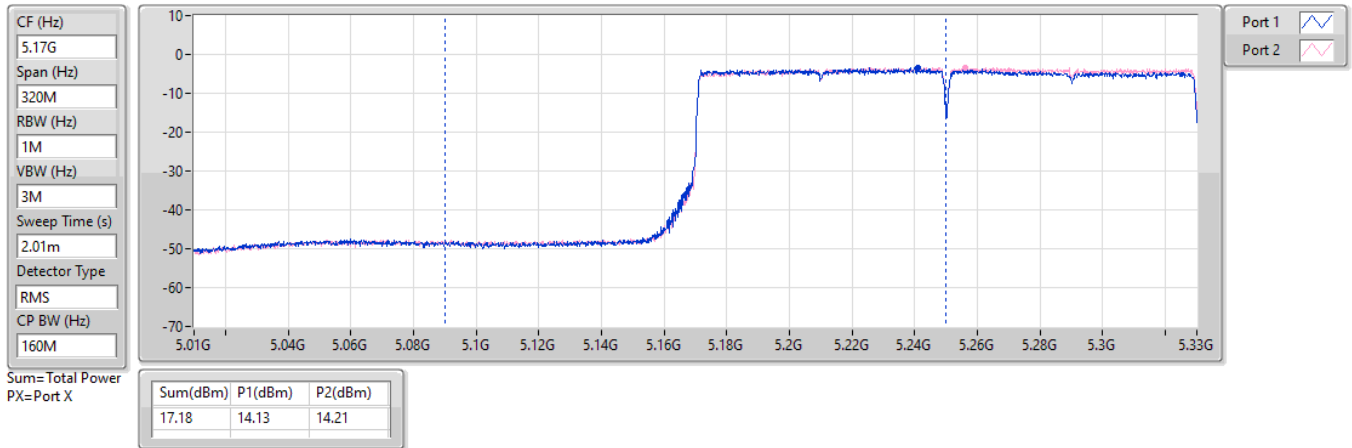
DG = Directional Gain; Port X = Port X output power
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

21/11/2024

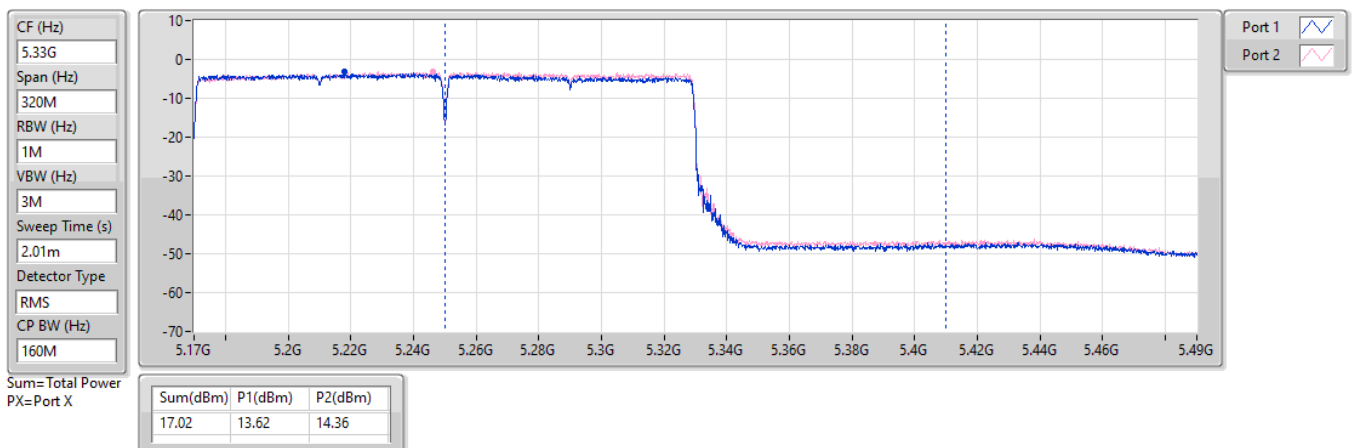


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

21/11/2024

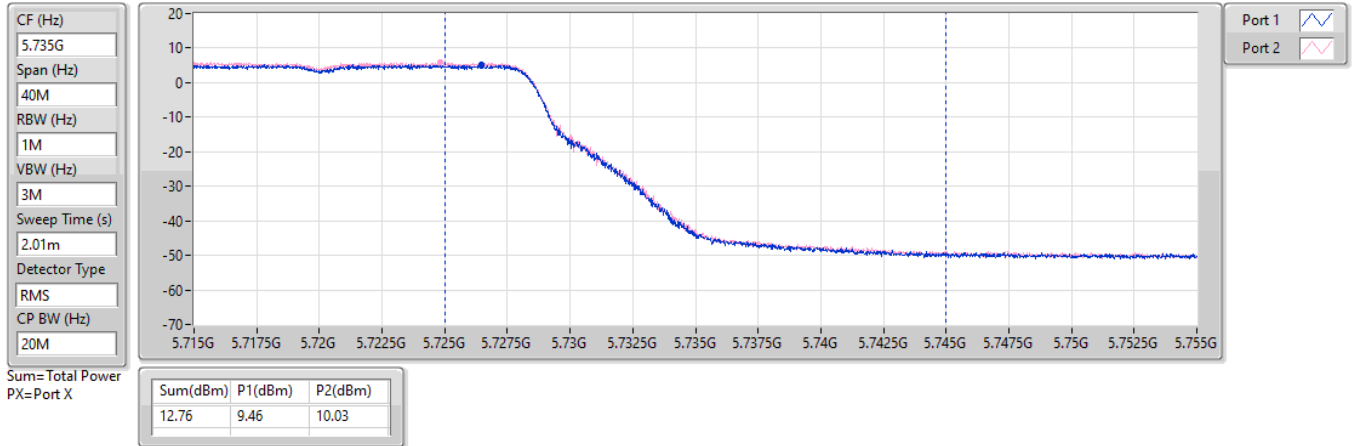


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

21/11/2024

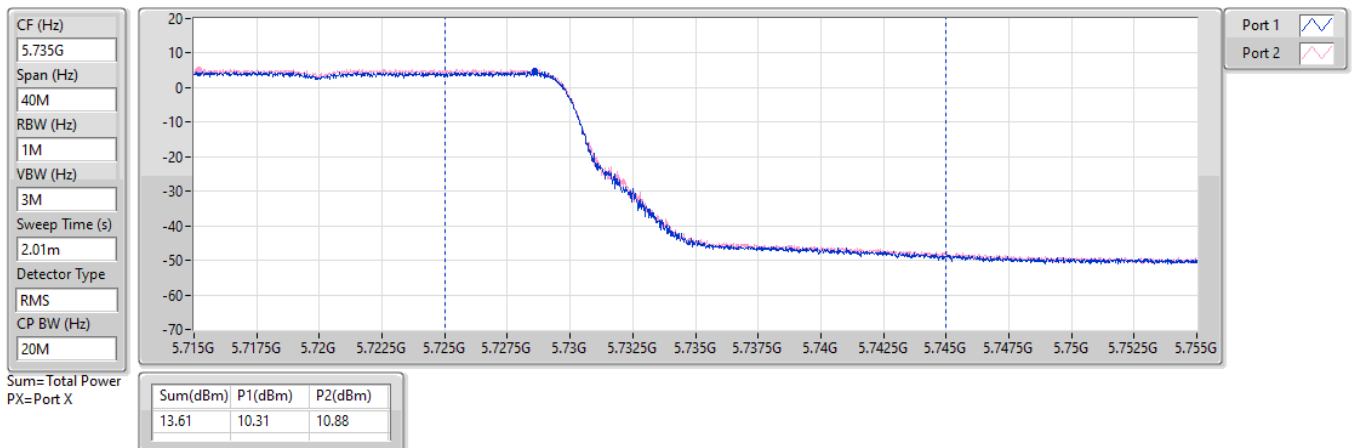


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

21/11/2024

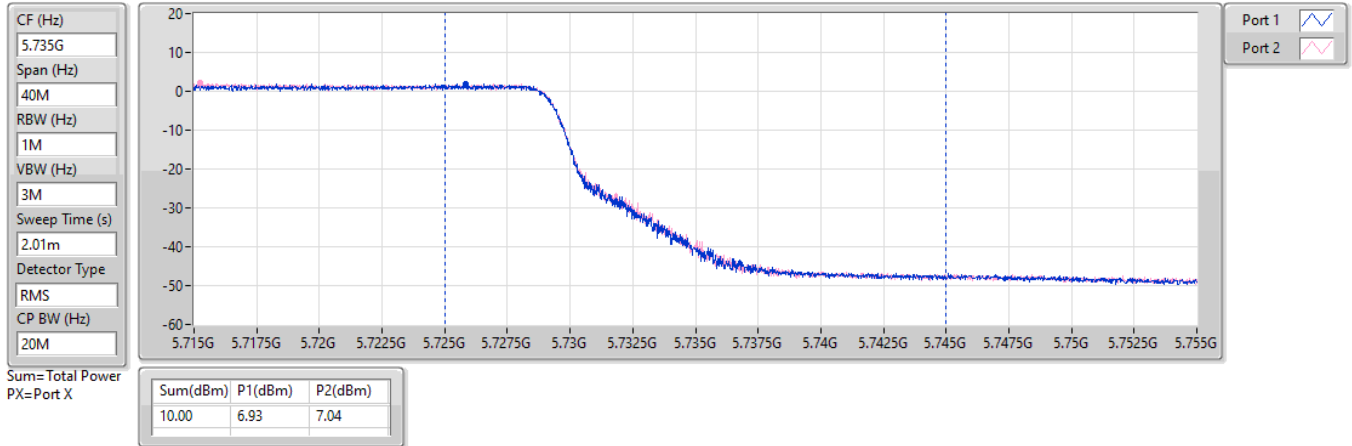


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

21/11/2024

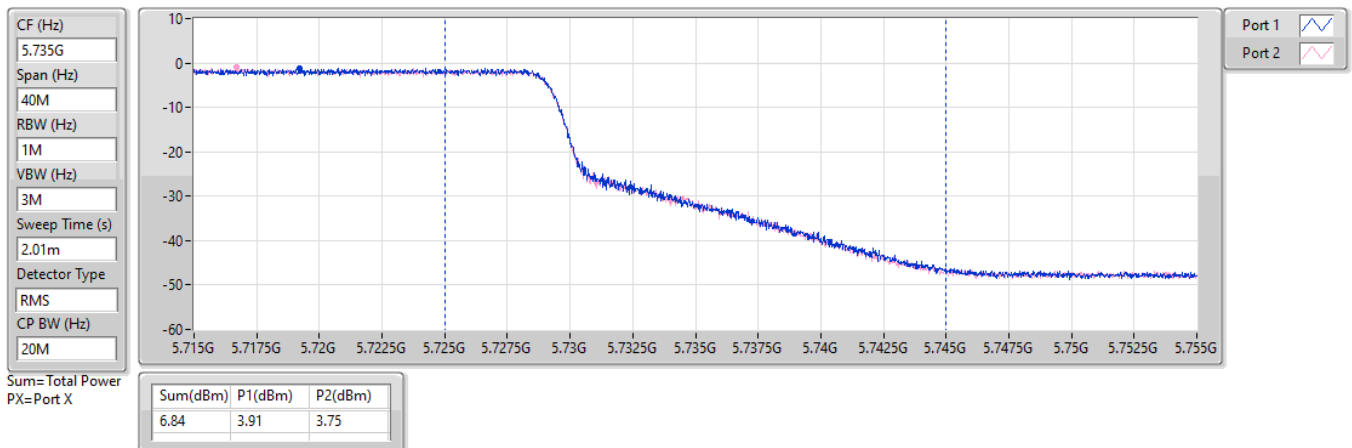


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

21/11/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	15.19	0.03304
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	17.44	0.05546
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	16.41	0.04375
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	17.62	0.05781
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	18.42	0.06950
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	6.15	0.00412

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.34	14.30	14.56	17.44	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5290MHz	Pass	4.34	12.78	13.14	15.97	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5530MHz	Pass	5.05	14.39	14.77	17.59	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5530MHz	Pass	5.05	12.54	13.51	16.06	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5610MHz	Pass	5.05	14.19	15.00	17.62	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5610MHz	Pass	5.05	12.20	13.13	15.70	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	14.01	14.53	17.29	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	12.46	12.97	15.73	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	2.82	2.91	5.88	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	3.09	3.18	6.15	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	10.56	10.58	13.58	30.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	11.83	12.51	15.19	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	10.43	10.93	13.70	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.33	13.47	16.41	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	9.72	10.14	12.95	23.98
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	9.77	10.65	13.24	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	14.94	15.84	18.42	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	13.68	14.72	17.24	23.98
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	12.67	13.68	16.21	23.98

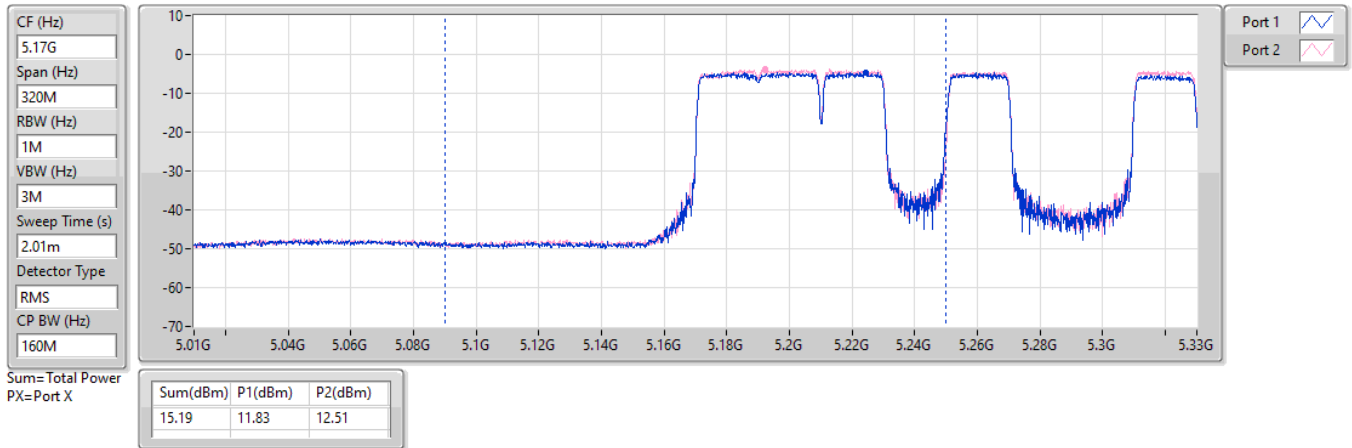
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

08/01/2025

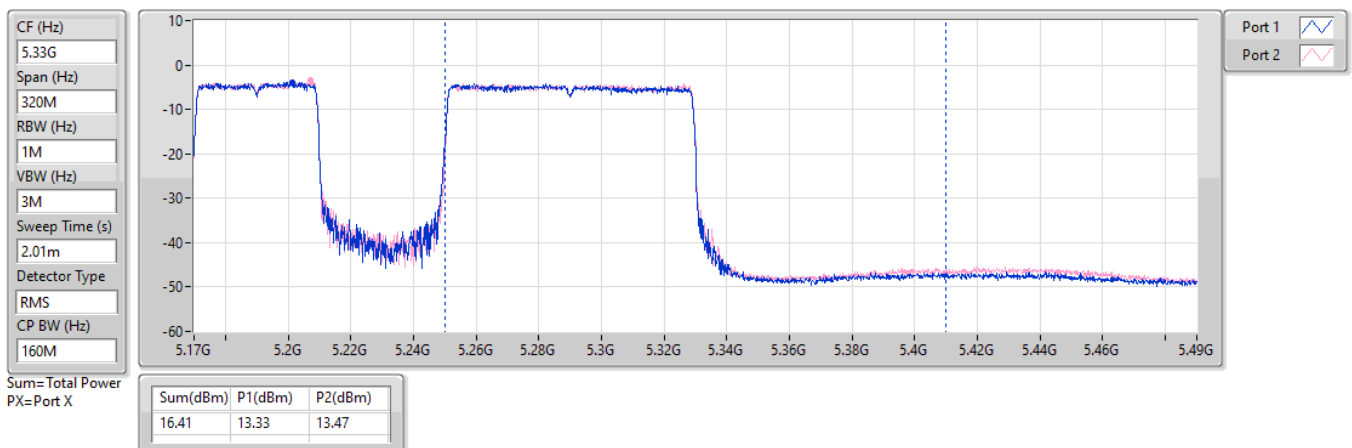


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

08/01/2025



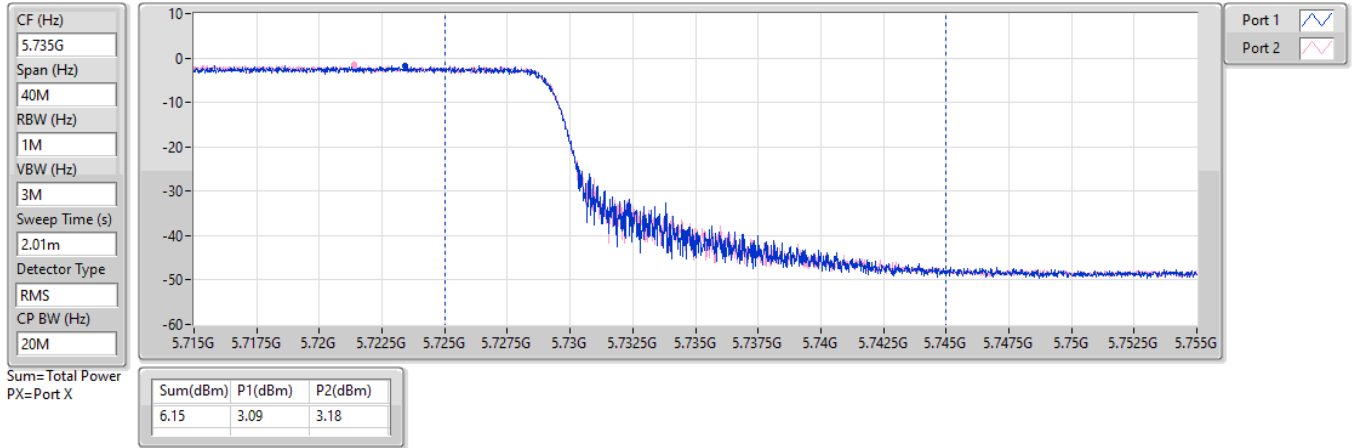


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

08/01/2025





Average Power_Non-Beamforming_Radio 2_Channel Puncturing_O-435

Appendix B.4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	16.98	0.04989
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	18.79	0.07568
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	17.08	0.05105
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	18.95	0.07852
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	19.96	0.09908
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	6.70	0.00468

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5290MHz	Pass	4.34	15.51	15.83	18.68	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5290MHz	Pass	4.34	15.48	15.96	18.74	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.34	15.56	15.98	18.79	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5290MHz	Pass	4.34	15.48	16.00	18.76	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5530MHz	Pass	5.05	15.20	16.17	18.72	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5530MHz	Pass	5.05	15.31	16.19	18.78	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5530MHz	Pass	5.05	15.42	16.23	18.85	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5530MHz	Pass	5.05	15.52	16.29	18.93	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5610MHz	Pass	5.05	15.46	16.29	18.91	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5610MHz	Pass	5.05	15.48	16.34	18.94	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5610MHz	Pass	5.05	15.47	16.37	18.95	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5610MHz	Pass	5.05	15.41	16.32	18.90	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	14.81	15.11	17.97	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	14.71	14.96	17.85	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	14.79	15.09	17.95	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.05	15.11	15.33	18.23	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	3.77	3.56	6.68	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	3.79	3.59	6.70	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	3.75	3.59	6.68	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.83	-33.70	-33.28	-30.47	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	12.91	12.86	15.90	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	12.72	12.73	15.74	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	12.85	12.63	15.75	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	12.21	12.18	15.21	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	13.70	13.83	16.78	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	13.76	13.73	16.76	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	13.60	13.82	16.72	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-



Average Power Non-Beamforming Radio 2 Channel Puncturing O-435

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	13.60	13.84	16.73	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	10.88	10.81	13.86	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	10.77	10.34	13.57	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	13.97	13.96	16.98	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.69	12.98	13.41	16.21	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.56	14.30	16.96	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.67	14.30	17.01	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.68	14.43	17.08	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.15	13.99	16.60	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	11.66	12.62	15.18	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	11.76	12.67	15.25	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	11.72	12.68	15.24	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	11.80	12.75	15.31	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.27	13.88	16.60	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	13.43	14.04	16.76	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	10.14	10.95	13.57	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.34	9.60	9.91	12.77	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.18	17.22	19.74	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.20	17.21	19.74	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	15.40	16.36	18.92	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.41	17.37	19.93	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.44	17.40	19.96	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.42	17.39	19.94	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.41	17.37	19.93	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	16.27	17.37	19.87	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	15.70	16.66	19.22	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	15.41	16.47	18.98	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5570MHz	Pass	5.05	14.86	15.98	18.47	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 2_Channel Puncturing_O-435

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5570MHz	Pass	5.05	15.41	16.49	18.99	23.98

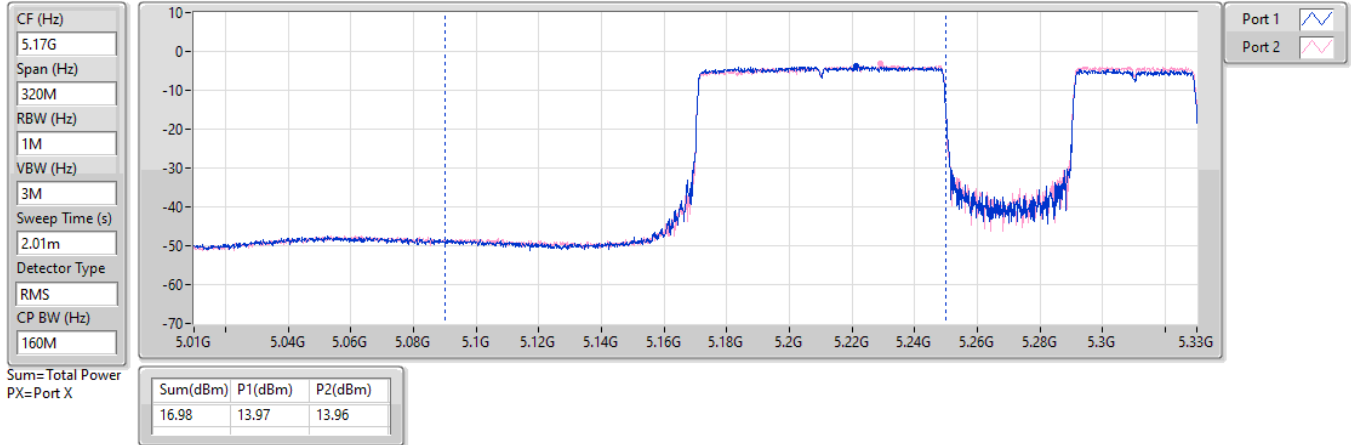
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

21/11/2024

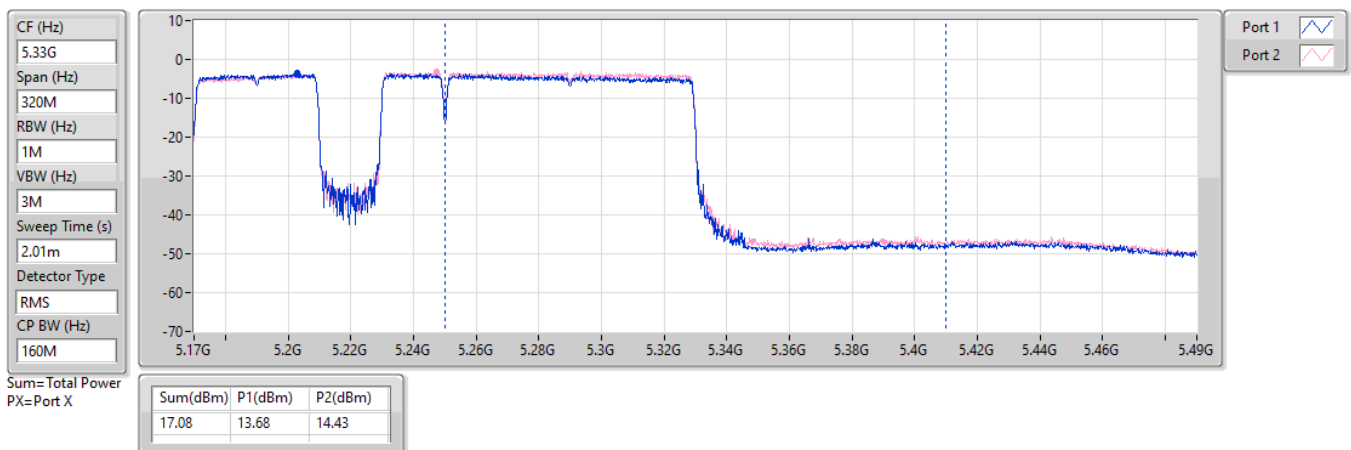


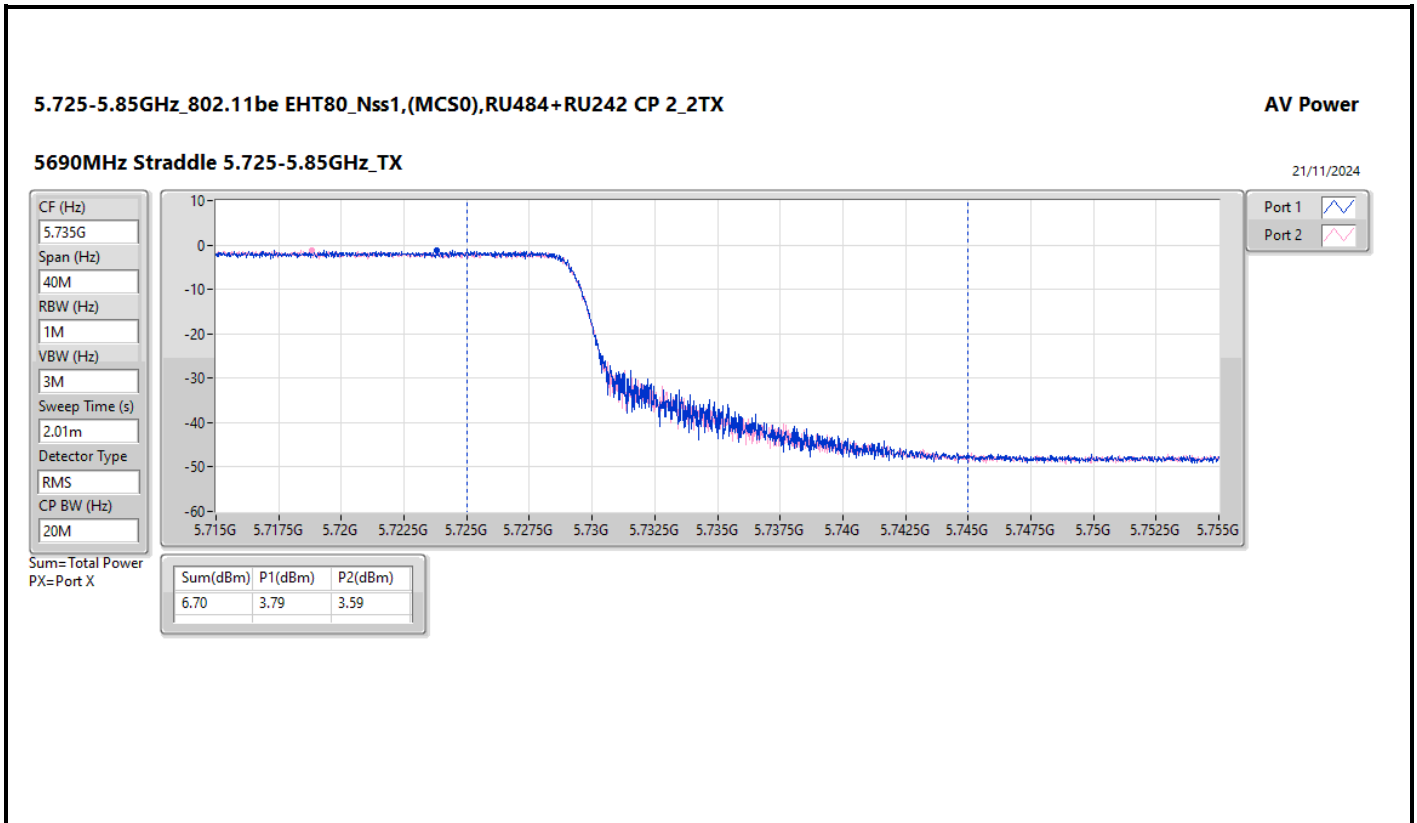
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

21/11/2024





**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.94	0.03926
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.13	0.10304
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.06	0.10139
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.02	0.10046
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.70	0.03715
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.26	0.10617
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.24	0.10568
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.25	0.10593
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.13	0.10304
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	14.00	0.02512
802.11be EHT40-BF_Nss1,(MCS0)_2TX	10.57	0.01140
802.11be EHT80-BF_Nss1,(MCS0)_2TX	7.41	0.00551

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.67	17.00	17.23	20.13	23.31
5300MHz	Pass	6.67	16.59	16.86	19.74	23.31
5320MHz	Pass	6.67	16.76	16.96	19.87	23.31
5500MHz	Pass	6.55	17.03	17.23	20.14	23.43
5580MHz	Pass	6.55	17.07	17.06	20.08	23.43
5700MHz	Pass	6.55	17.12	17.37	20.26	23.43
5720MHz Straddle 5.47-5.725GHz	Pass	6.55	15.64	15.91	18.79	22.47
5720MHz Straddle 5.725-5.85GHz	Pass	5.22	10.89	11.08	14.00	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.67	16.90	17.20	20.06	23.31
5310MHz	Pass	6.67	16.86	17.07	19.98	23.31
5510MHz	Pass	6.55	17.15	17.31	20.24	23.43
5550MHz	Pass	6.55	17.12	17.12	20.13	23.43
5670MHz	Pass	6.55	17.05	17.32	20.20	23.43
5710MHz Straddle 5.47-5.725GHz	Pass	6.55	16.48	16.76	19.63	23.43
5710MHz Straddle 5.725-5.85GHz	Pass	5.22	7.38	7.73	10.57	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.67	16.94	17.07	20.02	23.31
5530MHz	Pass	6.55	17.13	17.13	20.14	23.43
5610MHz	Pass	6.55	17.16	17.32	20.25	23.43
5690MHz Straddle 5.47-5.725GHz	Pass	6.55	16.76	17.00	19.89	23.43
5690MHz Straddle 5.725-5.85GHz	Pass	5.22	4.18	4.61	7.41	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.59	12.74	13.12	15.94	29.41
5250MHz Straddle 5.25-5.35GHz	Pass	6.67	12.68	12.70	15.70	23.31
5570MHz	Pass	6.55	17.14	17.10	20.13	23.43

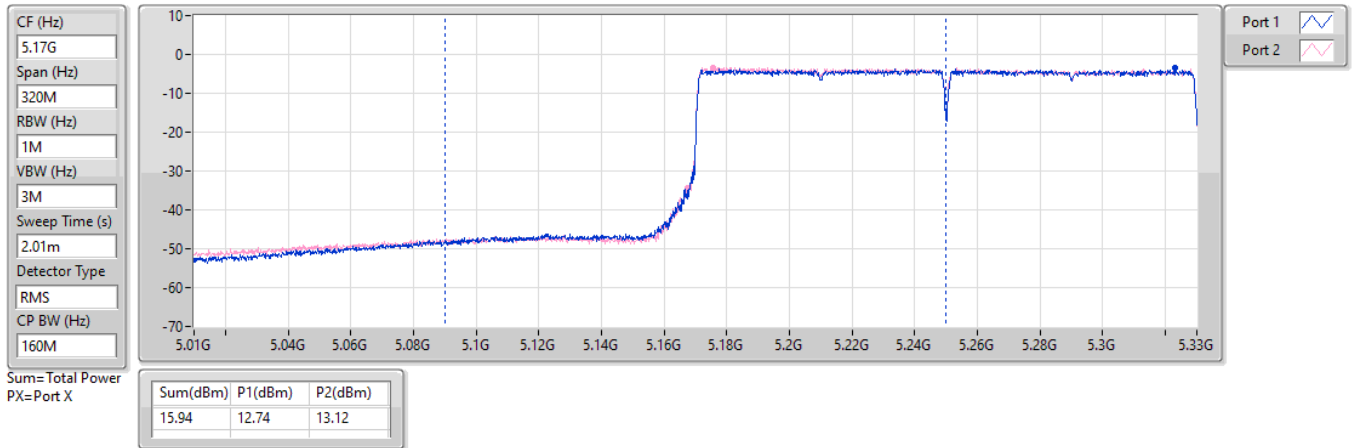
DG = Directional Gain; Port X = Port X output power
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

06/12/2024

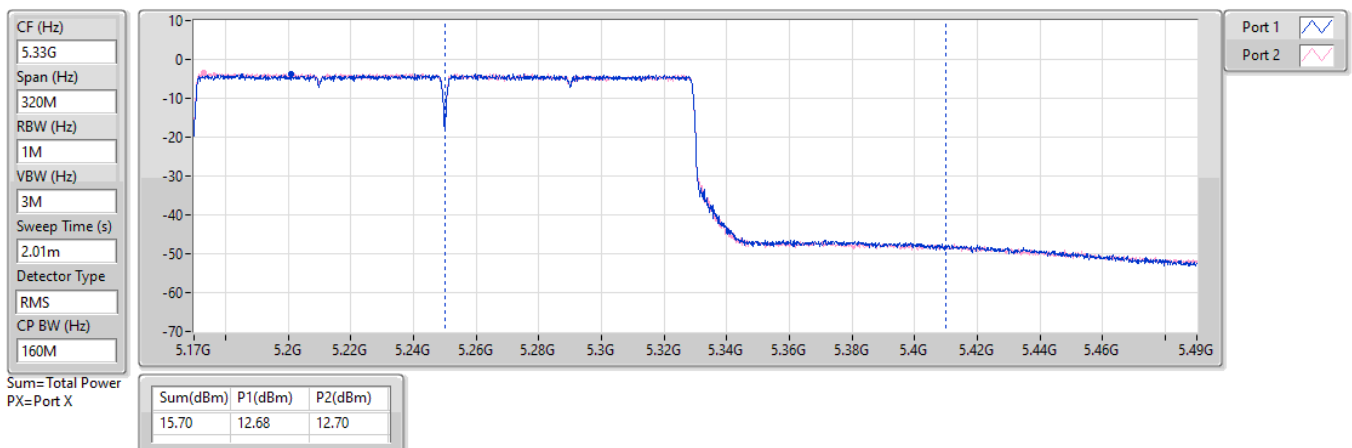


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

06/12/2024

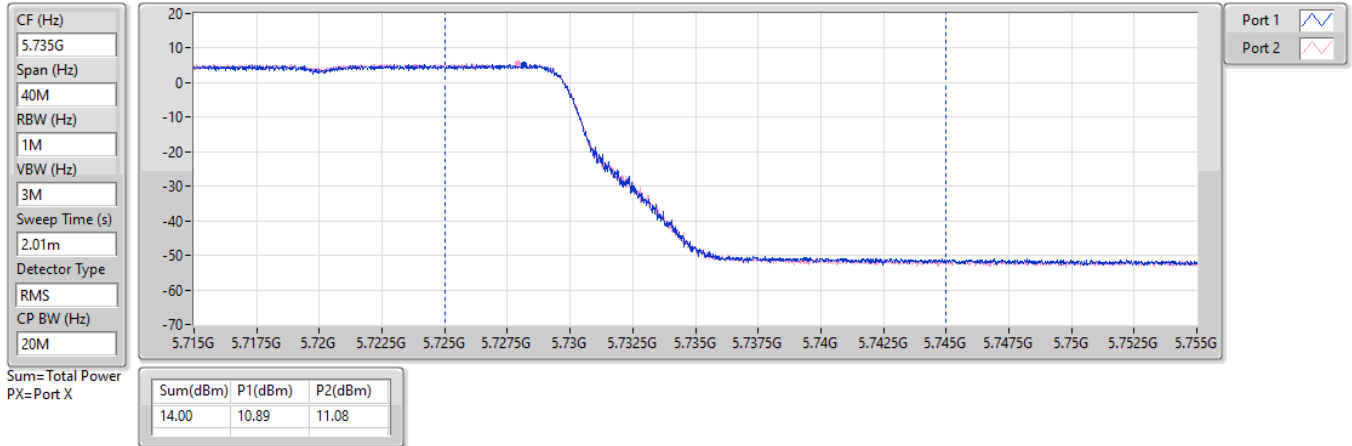


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

06/12/2024

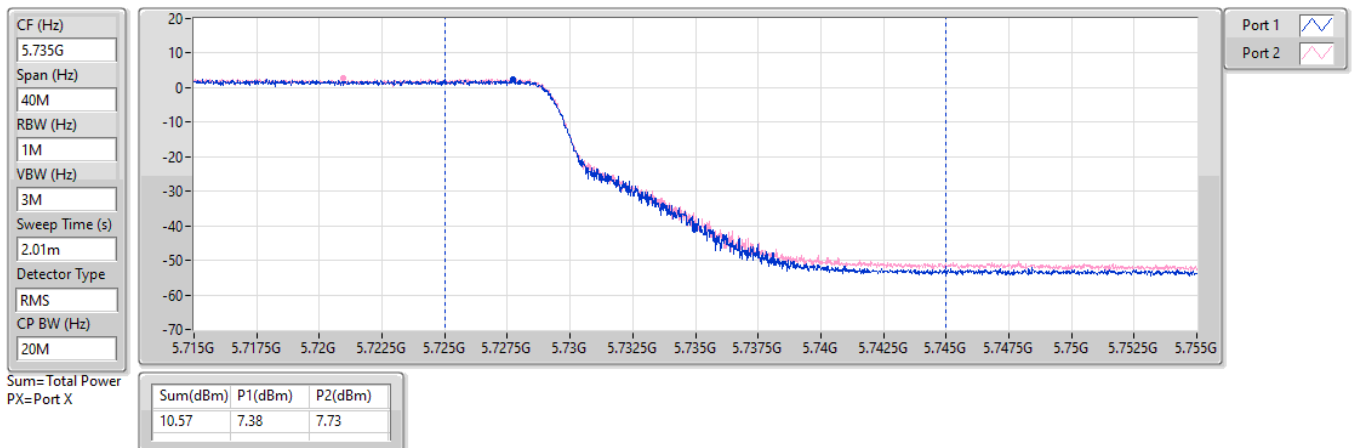


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

06/12/2024



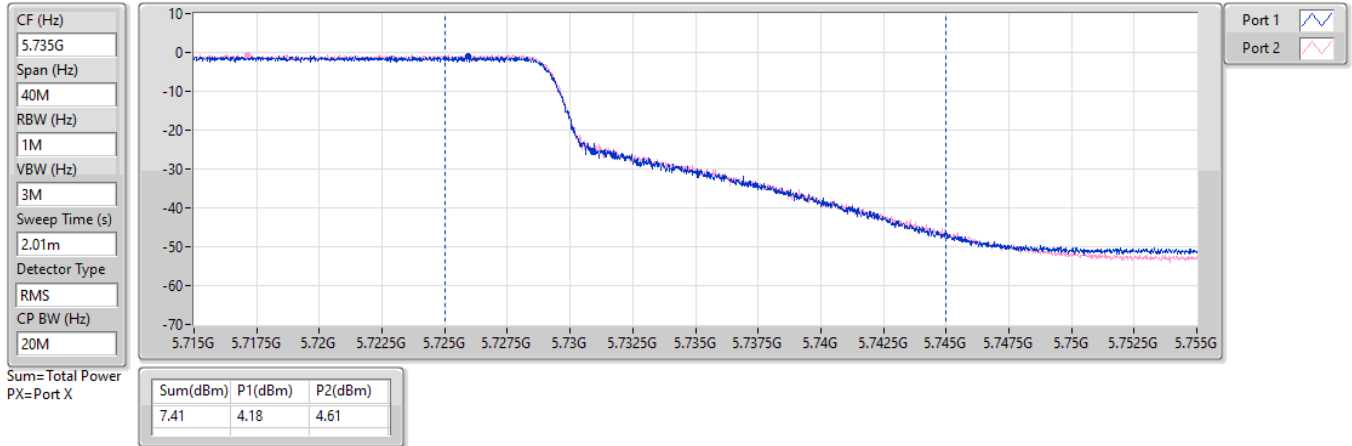


5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

06/12/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.57	0.03606
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.71	0.11776
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.48	0.11169
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.31	0.10740
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.41	0.03475
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.79	0.11995
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.91	0.12331
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.57	0.11402
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.64	0.11588
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	13.61	0.02296
802.11be EHT40-BF_Nss1,(MCS0)_2TX	10.00	0.01000
802.11be EHT80-BF_Nss1,(MCS0)_2TX	6.84	0.00483

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.88	17.37	18.01	20.71	23.98
5300MHz	Pass	4.88	17.14	17.53	20.35	23.98
5320MHz	Pass	4.88	16.89	17.24	20.08	23.98
5500MHz	Pass	5.54	17.39	18.13	20.79	23.98
5580MHz	Pass	5.54	16.85	17.94	20.44	23.98
5700MHz	Pass	5.54	17.57	17.89	20.74	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	15.26	15.95	18.63	23.05
5720MHz Straddle 5.725-5.85GHz	Pass	4.84	10.31	10.88	13.61	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.88	17.12	17.79	20.48	23.98
5310MHz	Pass	4.88	17.05	17.34	20.21	23.98
5510MHz	Pass	5.54	17.14	17.95	20.57	23.98
5550MHz	Pass	5.54	16.80	17.95	20.42	23.98
5670MHz	Pass	5.54	17.55	18.23	20.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.54	15.97	16.47	19.24	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.84	6.93	7.04	10.00	30.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	17.08	17.50	20.31	23.98
5530MHz	Pass	5.54	16.93	17.78	20.39	23.98
5610MHz	Pass	5.54	17.10	17.97	20.57	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	16.39	16.76	19.59	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	3.91	3.75	6.84	30.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	12.52	12.60	15.57	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	12.01	12.75	15.41	23.98
5570MHz	Pass	5.54	17.03	18.16	20.64	23.98

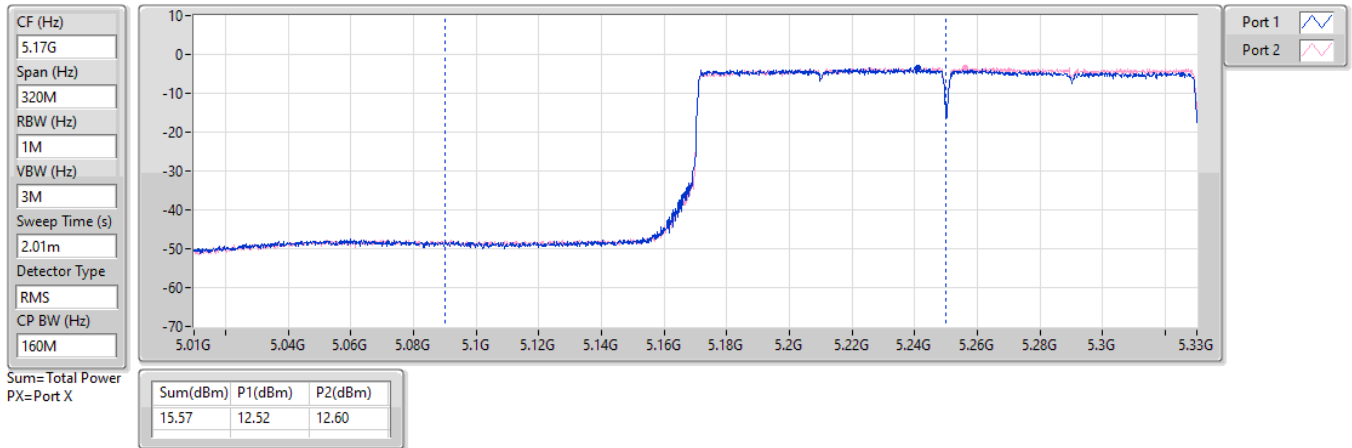
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

21/11/2024

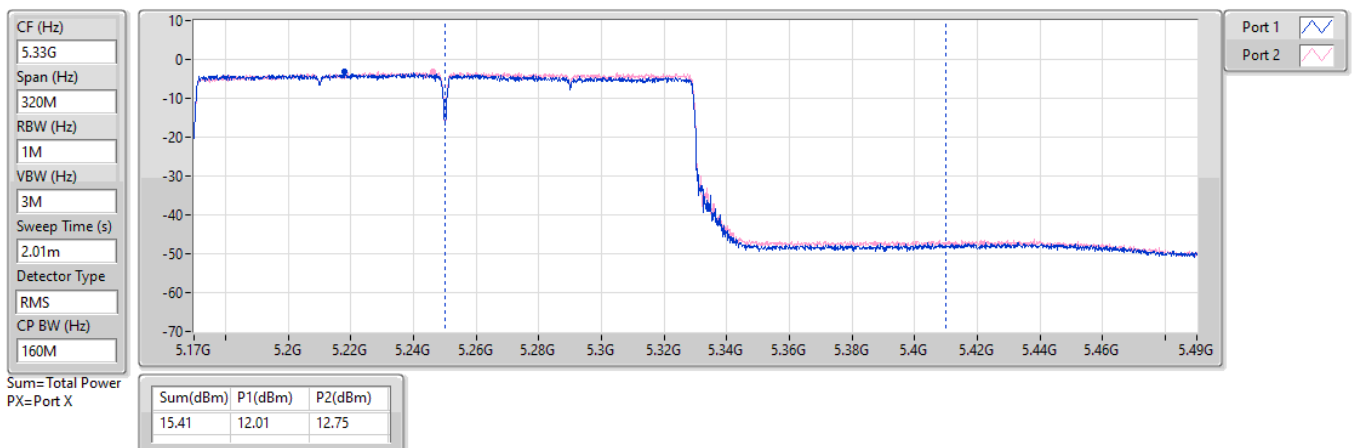


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

21/11/2024

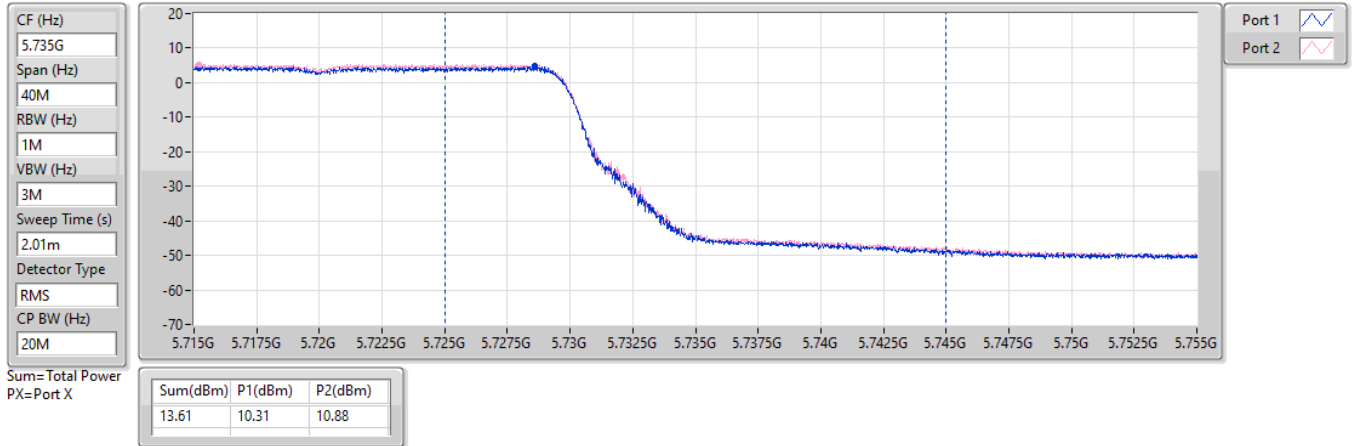


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

21/11/2024

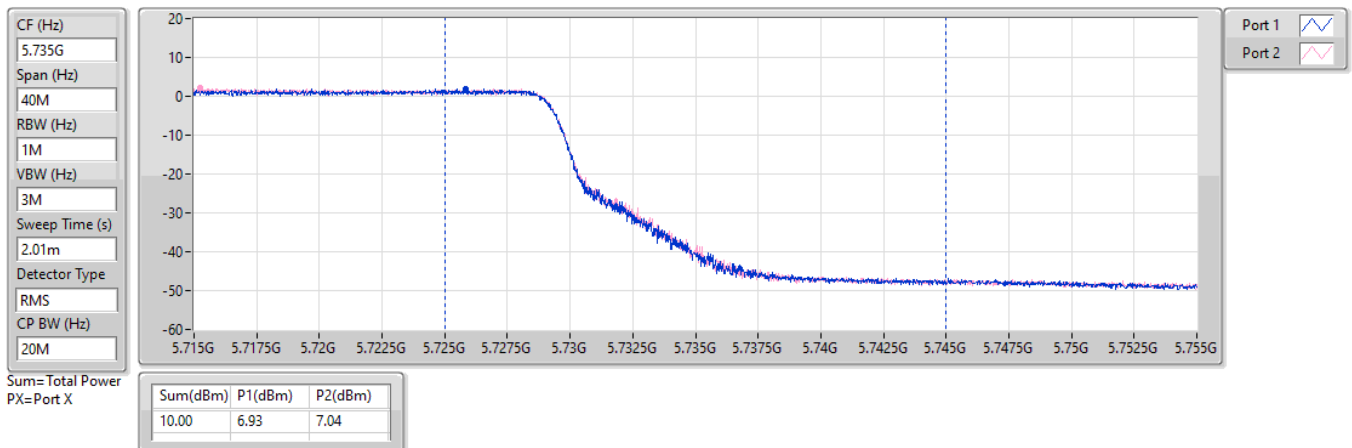


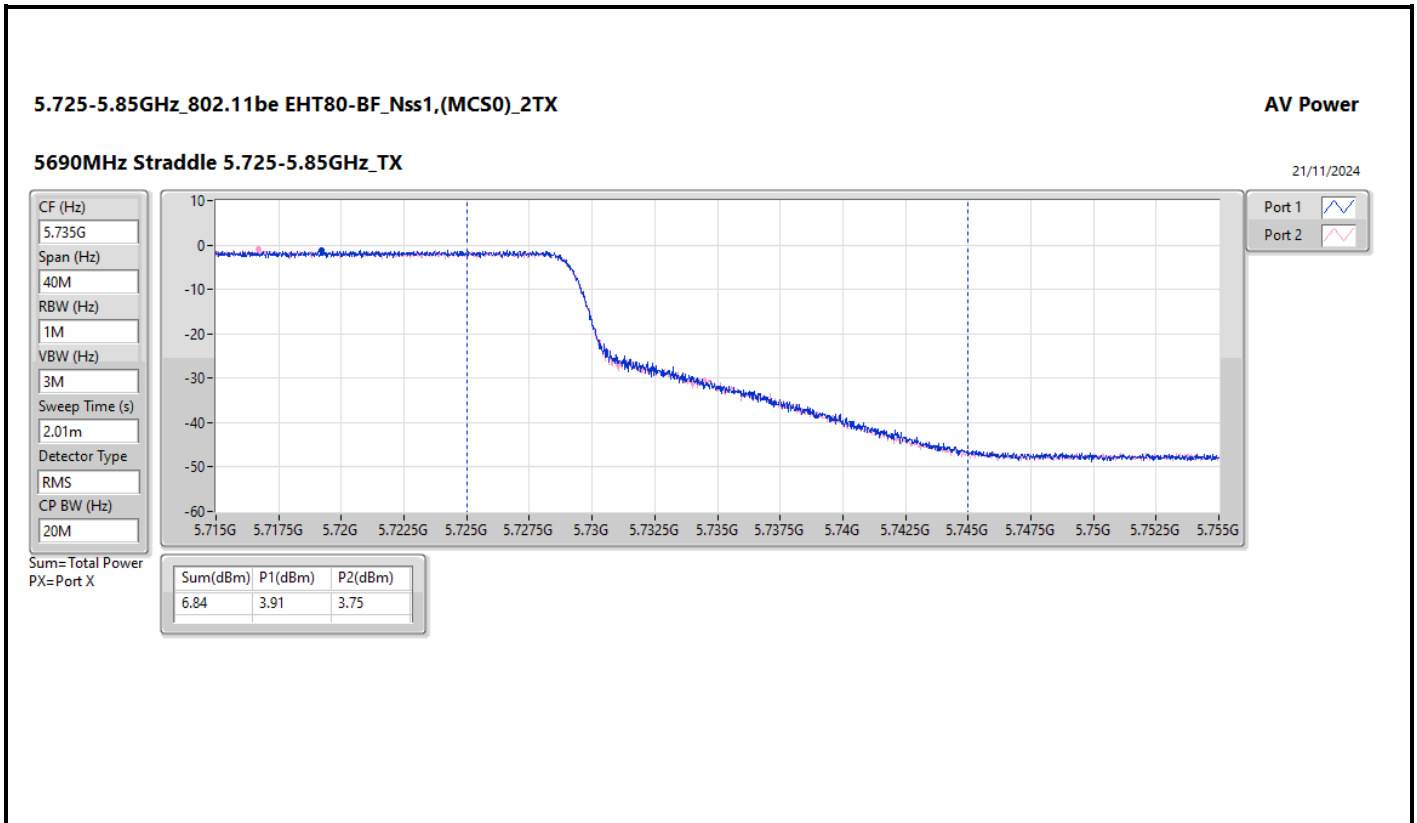
5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

21/11/2024





**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	17.48	0.05598
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.50	0.11220
802.11be EHT20_Nss1,(MCS0)_2TX	20.54	0.11324
802.11be EHT40_Nss1,(MCS0)_2TX	20.45	0.11092
802.11be EHT80_Nss1,(MCS0)_2TX	20.46	0.11117
802.11be EHT160_Nss1,(MCS0)_2TX	17.47	0.05585
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.78	0.11967
802.11be EHT20_Nss1,(MCS0)_2TX	20.66	0.11641
802.11be EHT40_Nss1,(MCS0)_2TX	20.49	0.11194
802.11be EHT80_Nss1,(MCS0)_2TX	20.58	0.11429
802.11be EHT160_Nss1,(MCS0)_2TX	20.36	0.10864
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.74	0.02366
802.11be EHT20_Nss1,(MCS0)_2TX	14.52	0.02831
802.11be EHT40_Nss1,(MCS0)_2TX	11.02	0.01265
802.11be EHT80_Nss1,(MCS0)_2TX	7.81	0.00604

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-		
5260MHz	Pass	4.86	17.61	17.37	20.50	23.98		
5300MHz	Pass	4.86	17.41	17.29	20.36	23.98		
5320MHz	Pass	4.86	17.54	17.33	20.45	23.98		
5500MHz	Pass	5.61	17.25	17.57	20.42	23.98		
5580MHz	Pass	5.61	17.73	17.81	20.78	23.98		
5700MHz	Pass	5.61	17.63	17.75	20.70	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.61	16.45	16.57	19.52	22.96		
5720MHz Straddle 5.725-5.85GHz	Pass	5.53	10.67	10.78	13.74	30.00		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5260MHz	Pass	4.86	17.62	17.43	20.54	23.98		
5300MHz	Pass	4.86	17.38	17.28	20.34	23.98		
5320MHz	Pass	4.86	17.49	17.34	20.43	23.98		
5500MHz	Pass	5.61	17.20	17.49	20.36	23.98		
5580MHz	Pass	5.61	17.61	17.68	20.66	23.98		
5700MHz	Pass	5.61	17.60	17.65	20.64	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.61	16.21	16.27	19.25	22.93		
5720MHz Straddle 5.725-5.85GHz	Pass	5.53	11.47	11.54	14.52	30.00		
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5270MHz	Pass	4.86	17.52	17.35	20.45	23.98		
5310MHz	Pass	4.86	17.44	17.30	20.38	23.98		
5510MHz	Pass	5.61	17.25	17.51	20.39	23.98		
5550MHz	Pass	5.61	17.36	17.37	20.38	23.98		
5670MHz	Pass	5.61	17.55	17.41	20.49	23.98		
5710MHz Straddle 5.47-5.725GHz	Pass	5.61	16.95	17.06	20.02	23.98		
5710MHz Straddle 5.725-5.85GHz	Pass	5.53	8.04	7.97	11.02	30.00		
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5290MHz	Pass	4.86	17.55	17.35	20.46	23.98		
5530MHz	Pass	5.61	17.25	17.35	20.31	23.98		
5610MHz	Pass	5.61	17.59	17.54	20.58	23.98		
5690MHz Straddle 5.47-5.725GHz	Pass	5.61	17.29	17.41	20.36	23.98		
5690MHz Straddle 5.725-5.85GHz	Pass	5.53	4.87	4.73	7.81	30.00		
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5250MHz Straddle 5.15-5.25GHz	Pass	5.79	14.63	14.31	17.48	23.98	12.49	21.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.86	14.53	14.39	17.47	23.98		
5570MHz	Pass	5.61	17.27	17.42	20.36	23.98		

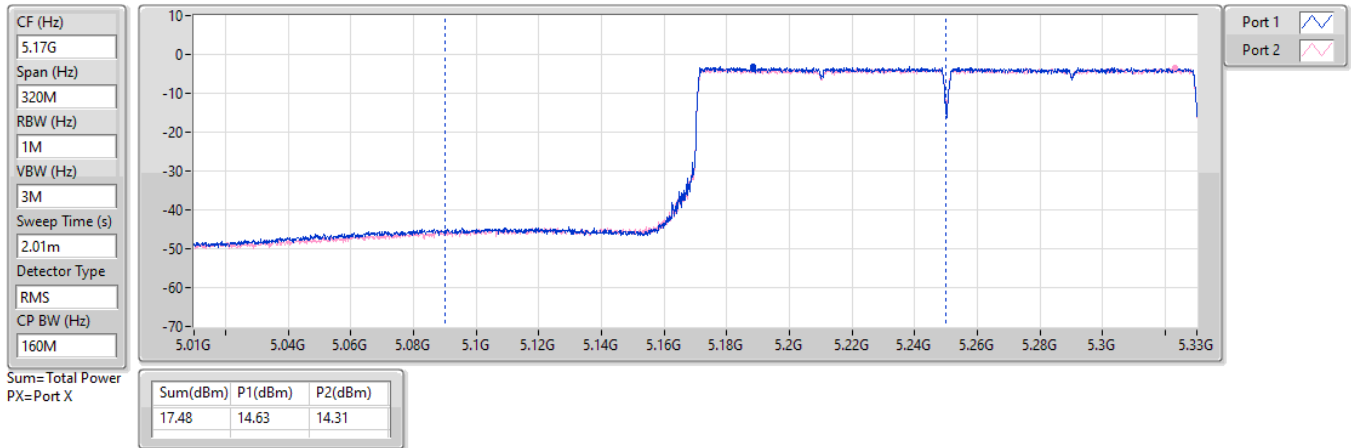
DG = Directional Gain; Port X = Port X output power
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

03/12/2024

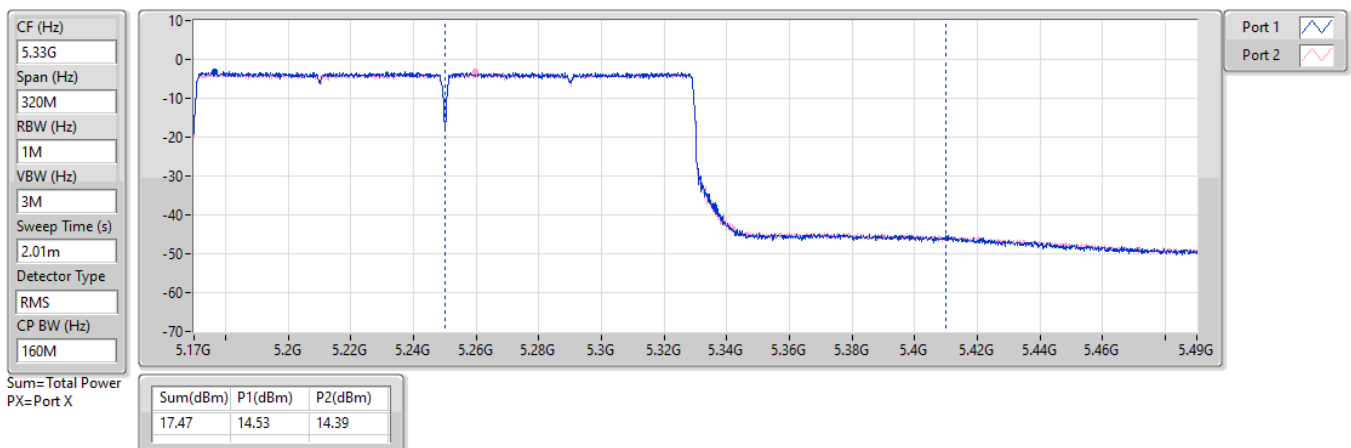


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

03/12/2024



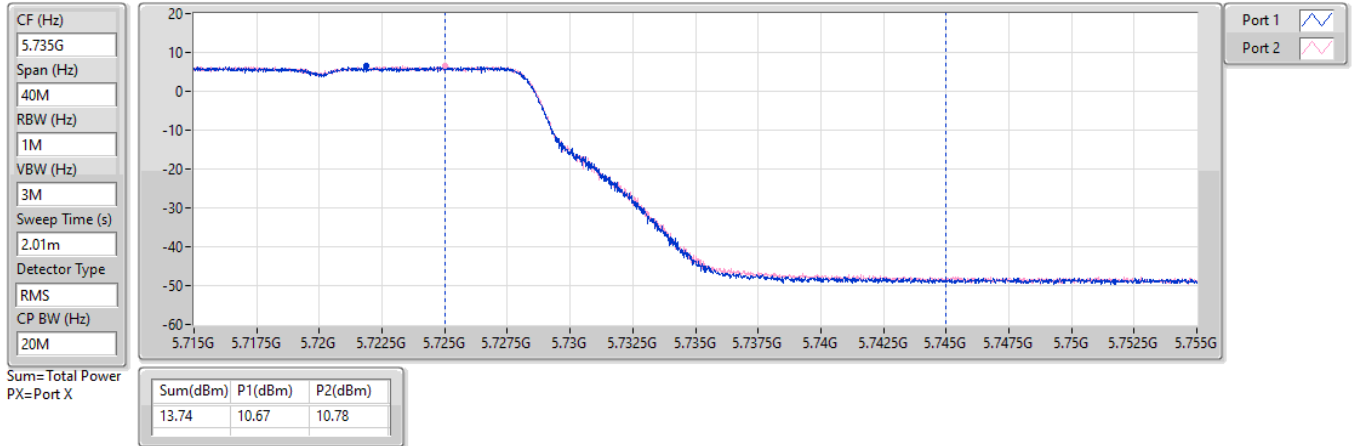


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/12/2024

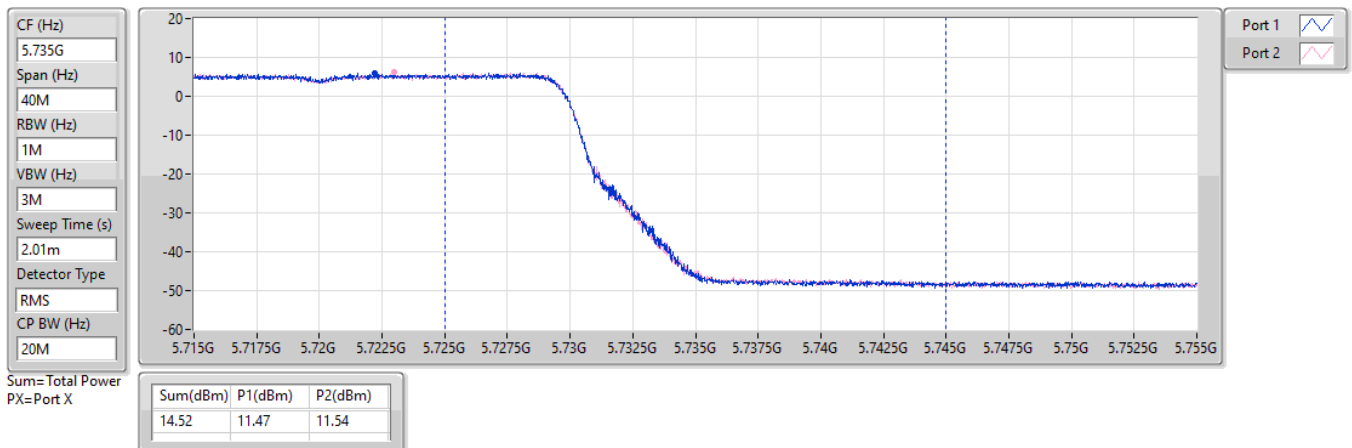


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/12/2024



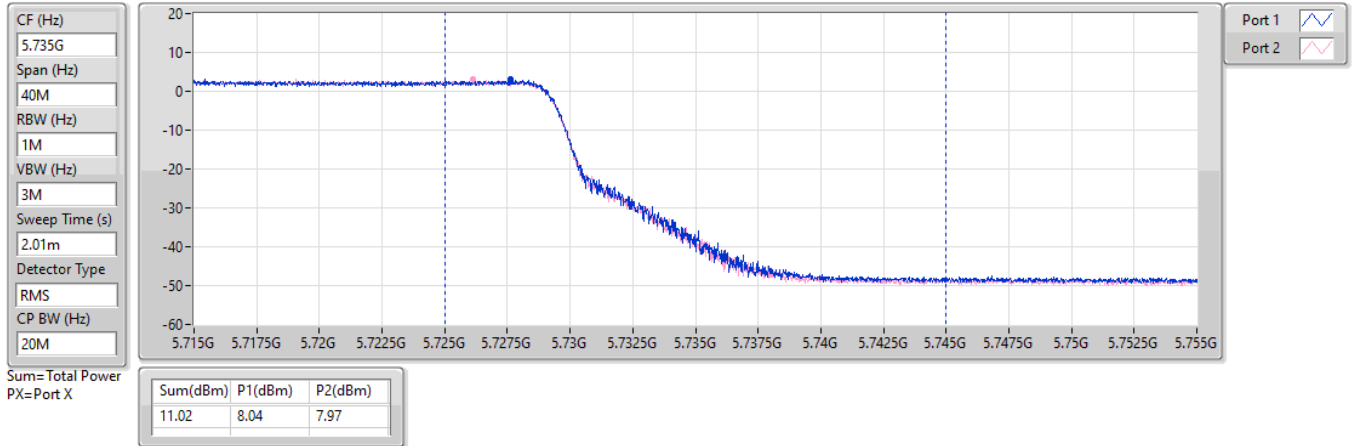


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

03/12/2024

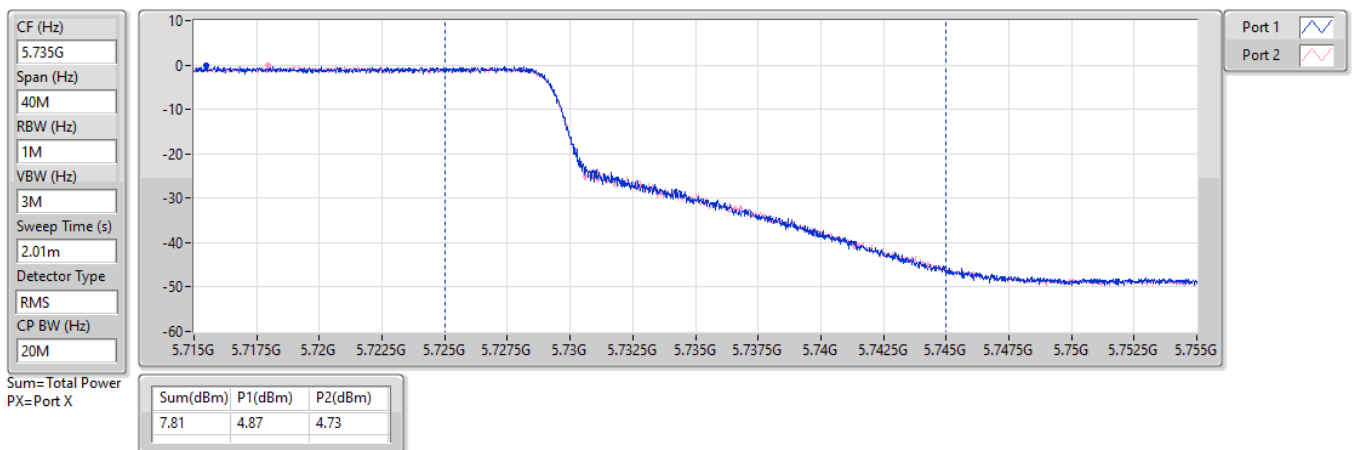


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

03/12/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	18.16	0.06546
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.94	0.09863
802.11be EHT20_Nss1,(MCS0)_2TX	20.14	0.10328
802.11be EHT40_Nss1,(MCS0)_2TX	19.82	0.09594
802.11be EHT80_Nss1,(MCS0)_2TX	19.87	0.09705
802.11be EHT160_Nss1,(MCS0)_2TX	17.66	0.05834
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.35	0.10839
802.11be EHT20_Nss1,(MCS0)_2TX	20.58	0.11429
802.11be EHT40_Nss1,(MCS0)_2TX	20.37	0.10889
802.11be EHT80_Nss1,(MCS0)_2TX	20.01	0.10023
802.11be EHT160_Nss1,(MCS0)_2TX	20.08	0.10186
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.28	0.02128
802.11be EHT20_Nss1,(MCS0)_2TX	14.15	0.02600
802.11be EHT40_Nss1,(MCS0)_2TX	10.63	0.01156
802.11be EHT80_Nss1,(MCS0)_2TX	7.27	0.00533

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-		
5260MHz	Pass	4.75	16.16	17.58	19.94	23.98		
5300MHz	Pass	4.75	16.18	17.11	19.68	23.98		
5320MHz	Pass	4.75	16.22	16.90	19.58	23.98		
5500MHz	Pass	5.32	16.99	17.66	20.35	23.98		
5580MHz	Pass	5.32	16.18	17.26	19.76	23.98		
5700MHz	Pass	5.32	16.72	17.21	19.98	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.32	15.81	16.56	19.21	22.99		
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	9.95	10.57	13.28	30.00		
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5260MHz	Pass	4.75	16.32	17.82	20.14	23.98		
5300MHz	Pass	4.75	16.40	17.38	19.93	23.98		
5320MHz	Pass	4.75	16.34	17.16	19.78	23.98		
5500MHz	Pass	5.32	17.15	17.95	20.58	23.98		
5580MHz	Pass	5.32	16.22	17.40	19.86	23.98		
5700MHz	Pass	5.32	16.85	17.51	20.20	23.98		
5720MHz Straddle 5.47-5.725GHz	Pass	5.32	15.70	16.50	19.13	22.99		
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	10.75	11.49	14.15	30.00		
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5270MHz	Pass	4.75	15.80	17.48	19.73	23.98		
5310MHz	Pass	4.75	16.30	17.26	19.82	23.98		
5510MHz	Pass	5.32	17.06	17.64	20.37	23.98		
5550MHz	Pass	5.32	16.39	17.16	19.80	23.98		
5670MHz	Pass	5.32	16.77	17.41	20.11	23.98		
5710MHz Straddle 5.47-5.725GHz	Pass	5.32	16.32	17.16	19.77	23.98		
5710MHz Straddle 5.725-5.85GHz	Pass	5.16	7.39	7.84	10.63	30.00		
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5290MHz	Pass	4.75	16.32	17.34	19.87	23.98		
5530MHz	Pass	5.32	16.57	17.31	19.97	23.98		
5610MHz	Pass	5.32	16.49	17.46	20.01	23.98		
5690MHz Straddle 5.47-5.725GHz	Pass	5.32	16.70	17.20	19.97	23.98		
5690MHz Straddle 5.725-5.85GHz	Pass	5.16	4.28	4.24	7.27	30.00		
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-		
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	15.00	15.29	18.16	30.00	16.49	21.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.75	14.20	15.05	17.66	23.98		
5570MHz	Pass	5.32	16.63	17.47	20.08	23.98		

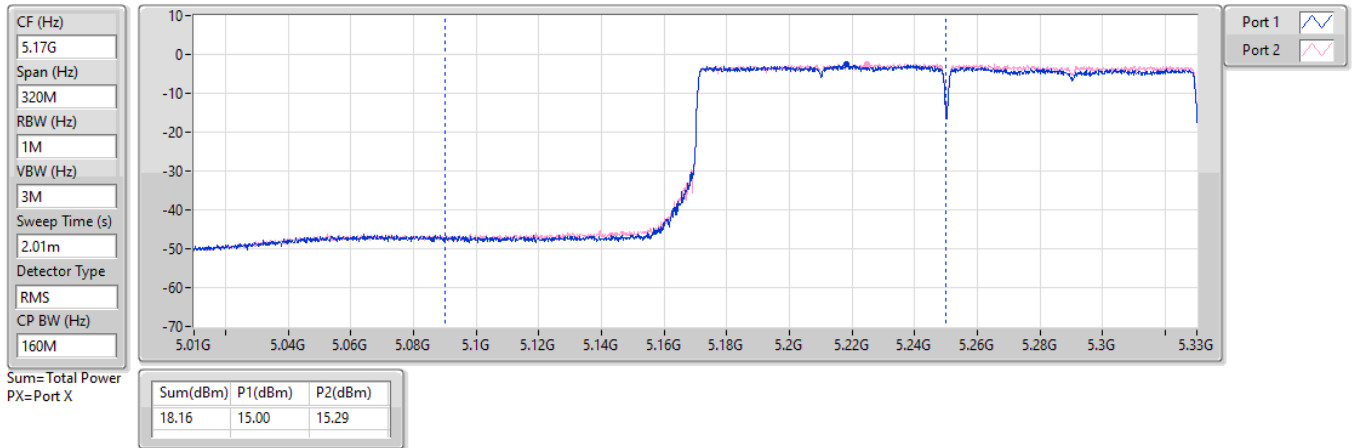
DG = Directional Gain; Port X = Port X output power
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

05/12/2024

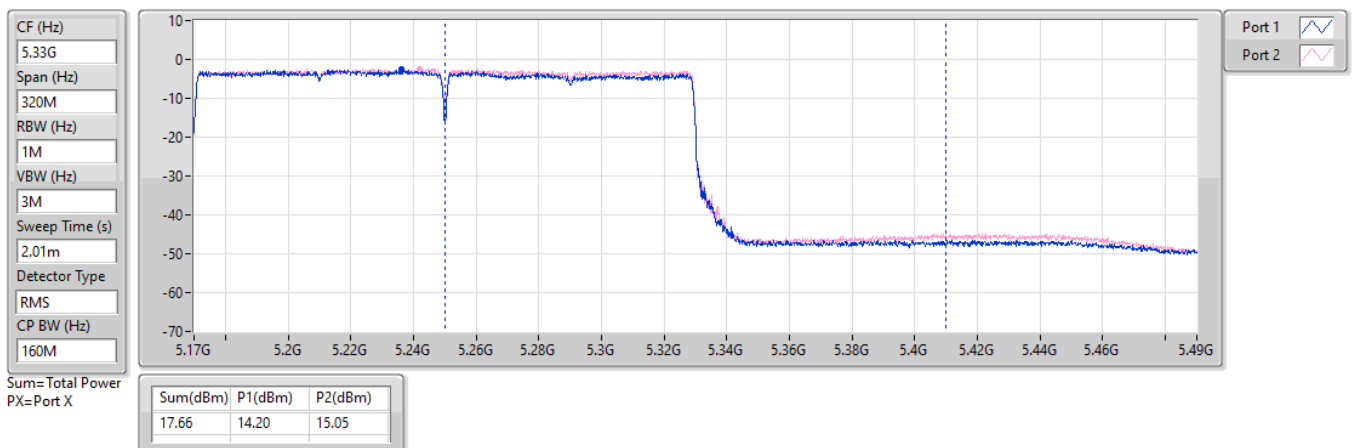


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

05/12/2024



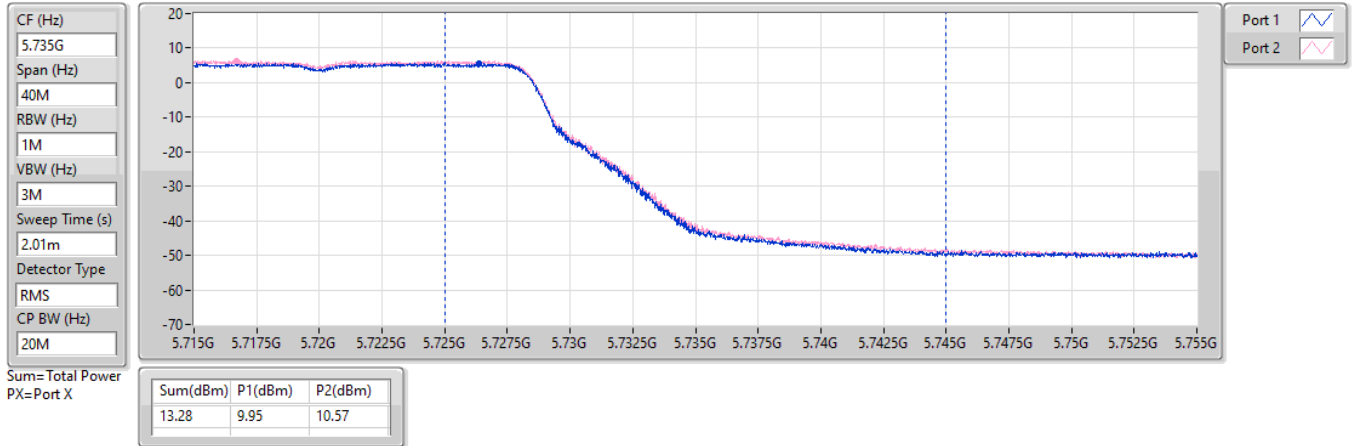


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

05/12/2024

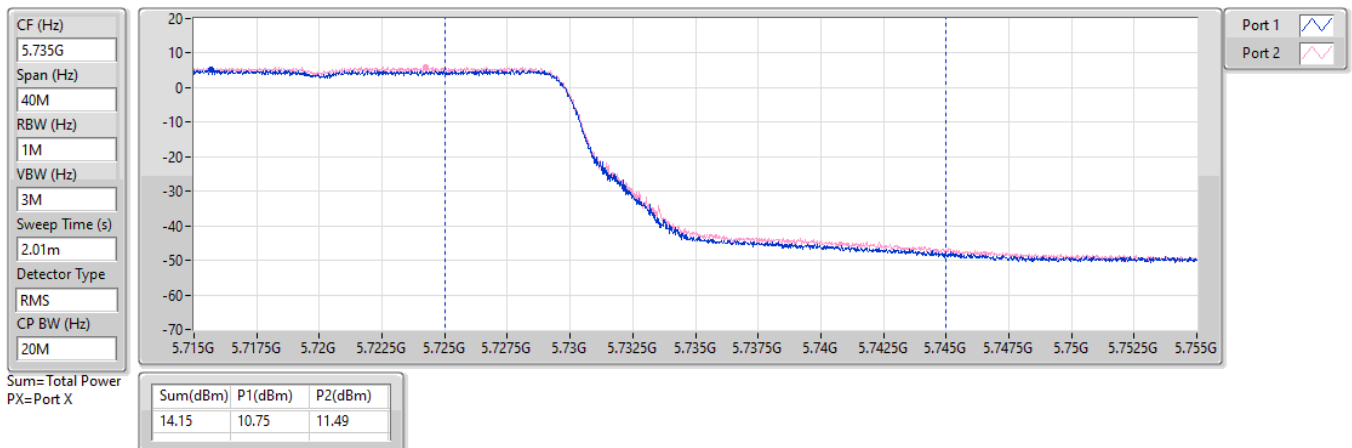


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

05/12/2024

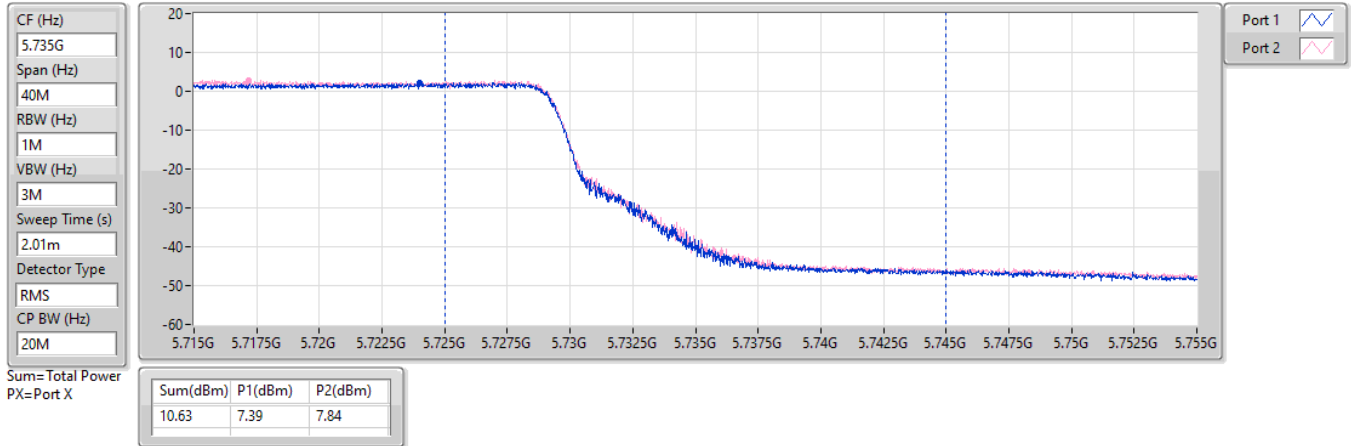


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

05/12/2024

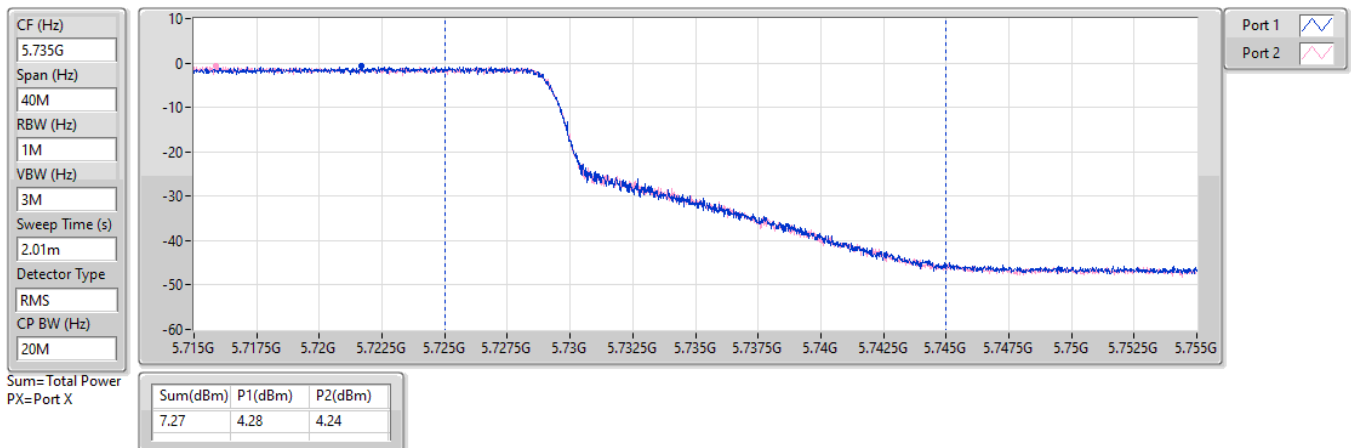


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

05/12/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	15.98	0.03963
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	17.82	0.06053
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	17.17	0.05212
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	18.30	0.06761
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	18.15	0.06531
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	6.19	0.00416



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.75	14.80	14.82	17.82	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5290MHz	Pass	4.75	12.91	13.04	15.99	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5530MHz	Pass	5.32	14.93	15.62	18.30	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5530MHz	Pass	5.32	12.87	13.77	16.35	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5610MHz	Pass	5.32	14.73	15.28	18.02	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5610MHz	Pass	5.32	12.91	13.72	16.34	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.32	14.11	14.72	17.44	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.32	12.42	13.20	15.84	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.16	2.56	3.25	5.93	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.16	3.16	3.19	6.19	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	11.19	11.83	14.53	30.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	12.85	13.08	15.98	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	10.98	10.92	13.96	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.75	13.85	14.45	17.17	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.75	10.15	11.00	13.61	23.98
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.75	10.26	11.04	13.68	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.32	14.63	15.59	18.15	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.32	14.00	15.10	17.60	23.98
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.32	12.75	13.76	16.29	23.98

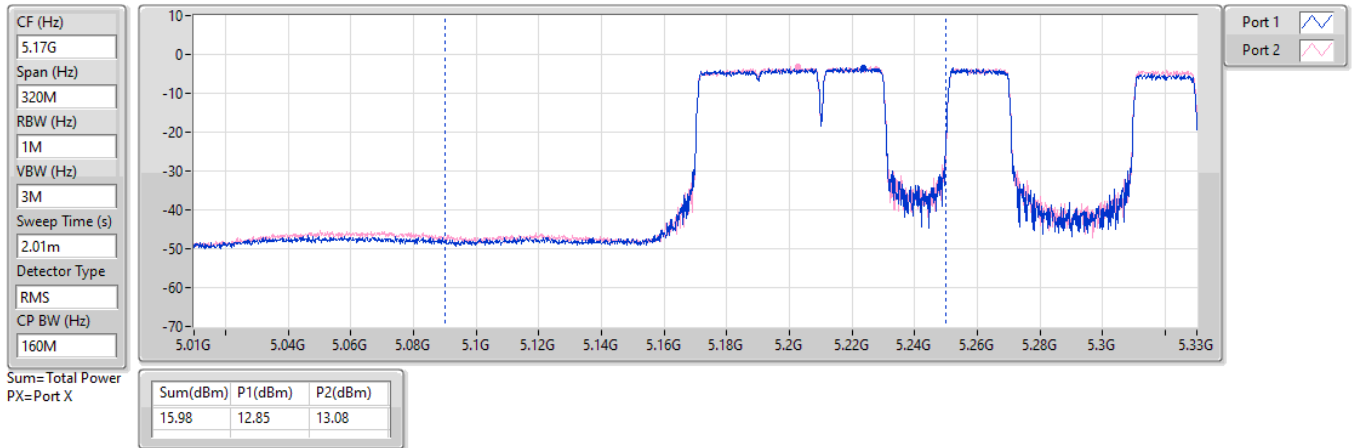
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

08/01/2025

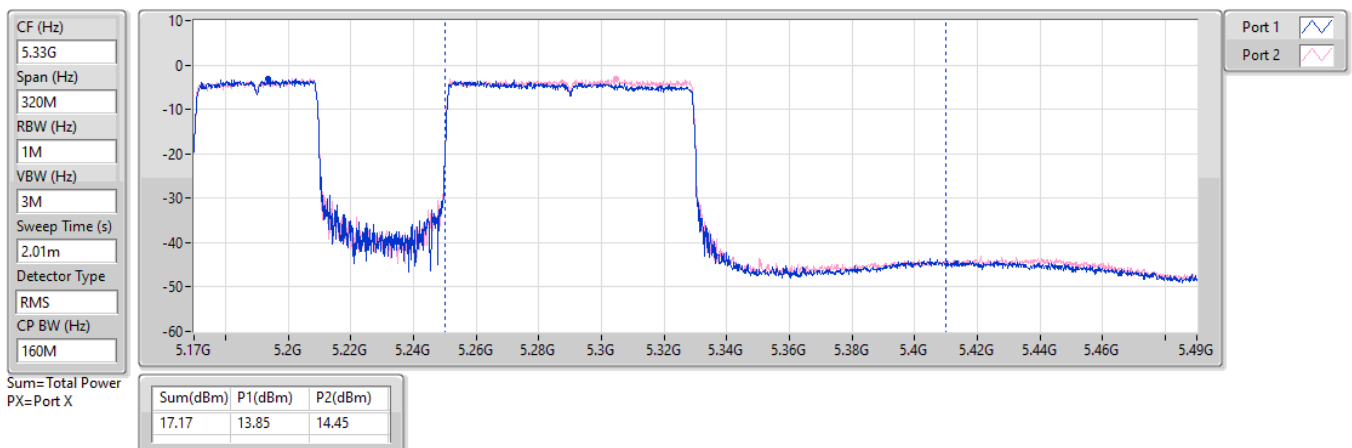


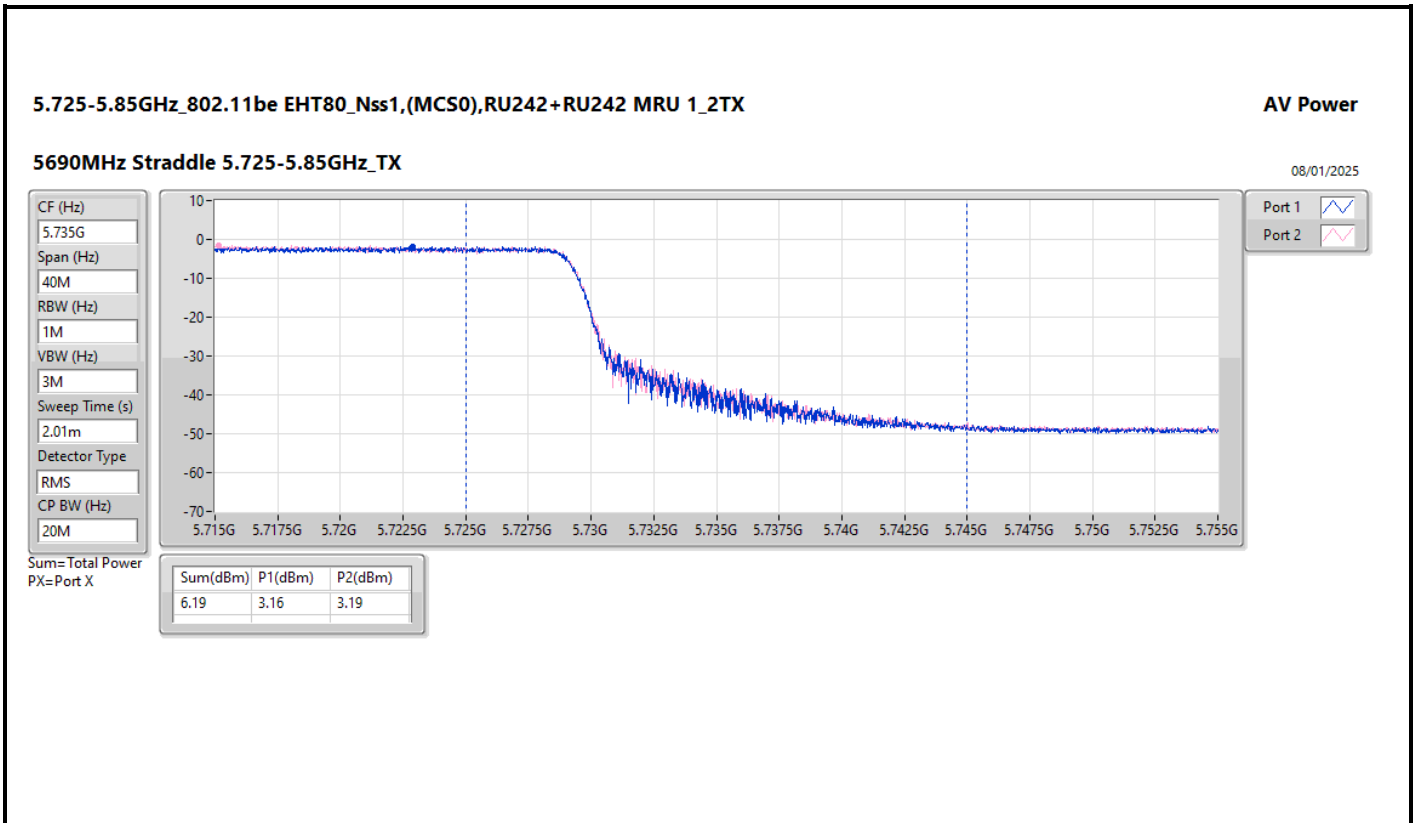
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

08/01/2025







Average Power_Non-Beamforming_Radio 2_Channel Puncturing_O-435E

Appendix B.10

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	17.60	0.05754
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	18.37	0.06871
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	15.55	0.03589
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	18.43	0.06966
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	18.94	0.07834
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	7.22	0.00527



Average Power Non-Beamforming Radio 2 Channel Puncturing O-435E

Appendix B.10

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5290MHz	Pass	4.75	15.02	15.68	18.37	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5530MHz	Pass	5.32	15.06	15.75	18.43	23.98
5610MHz	Pass	5.32	14.98	15.72	18.38	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.32	15.12	15.63	18.39	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.16	4.17	4.25	7.22	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	13.90	14.79	17.38	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	14.21	14.94	17.60	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.75	11.93	13.07	15.55	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.75	10.27	11.54	13.96	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5570MHz	Pass	5.32	15.63	16.21	18.94	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5570MHz	Pass	5.32	15.22	15.84	18.55	23.98

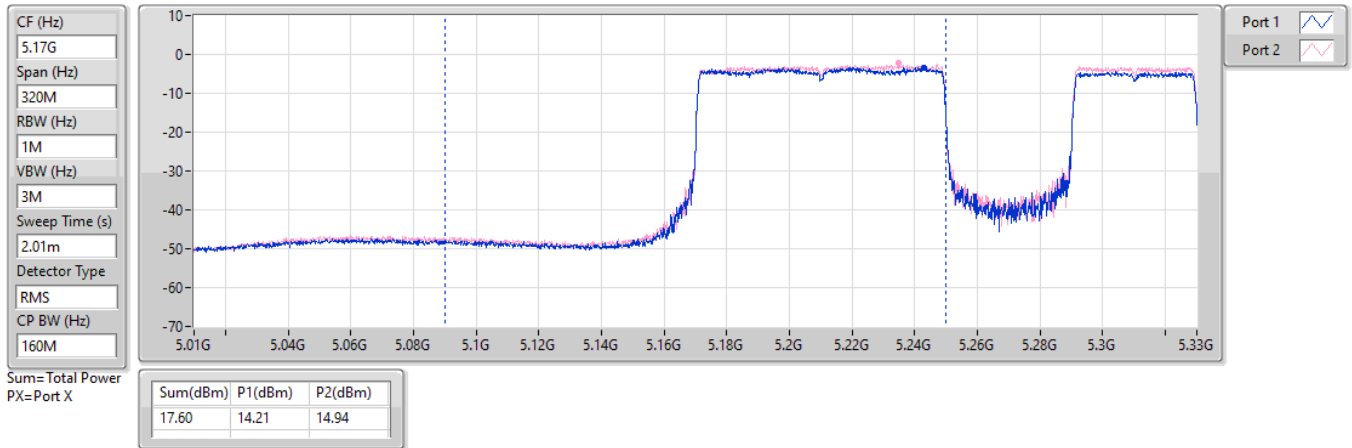
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

06/12/2024

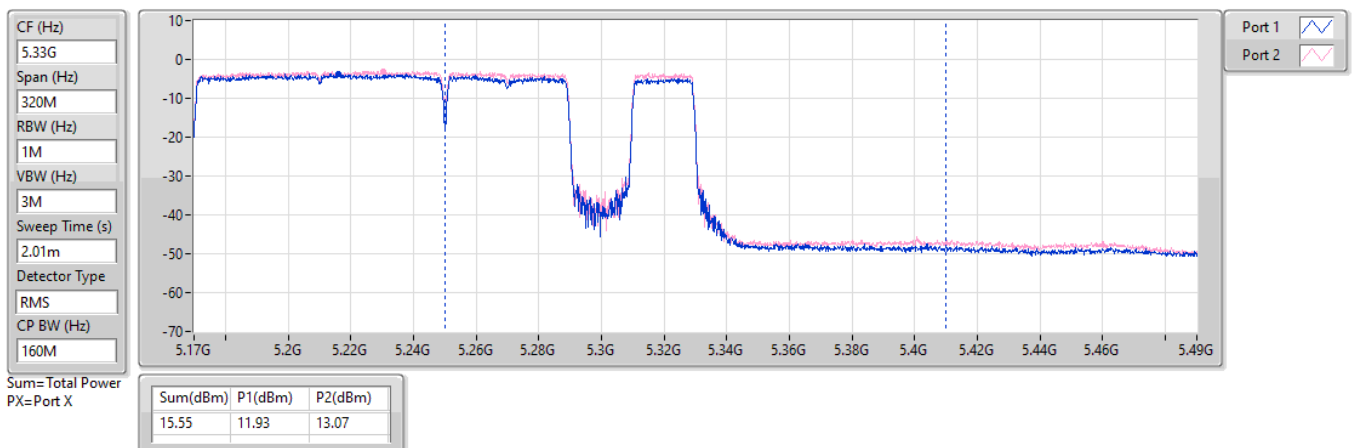


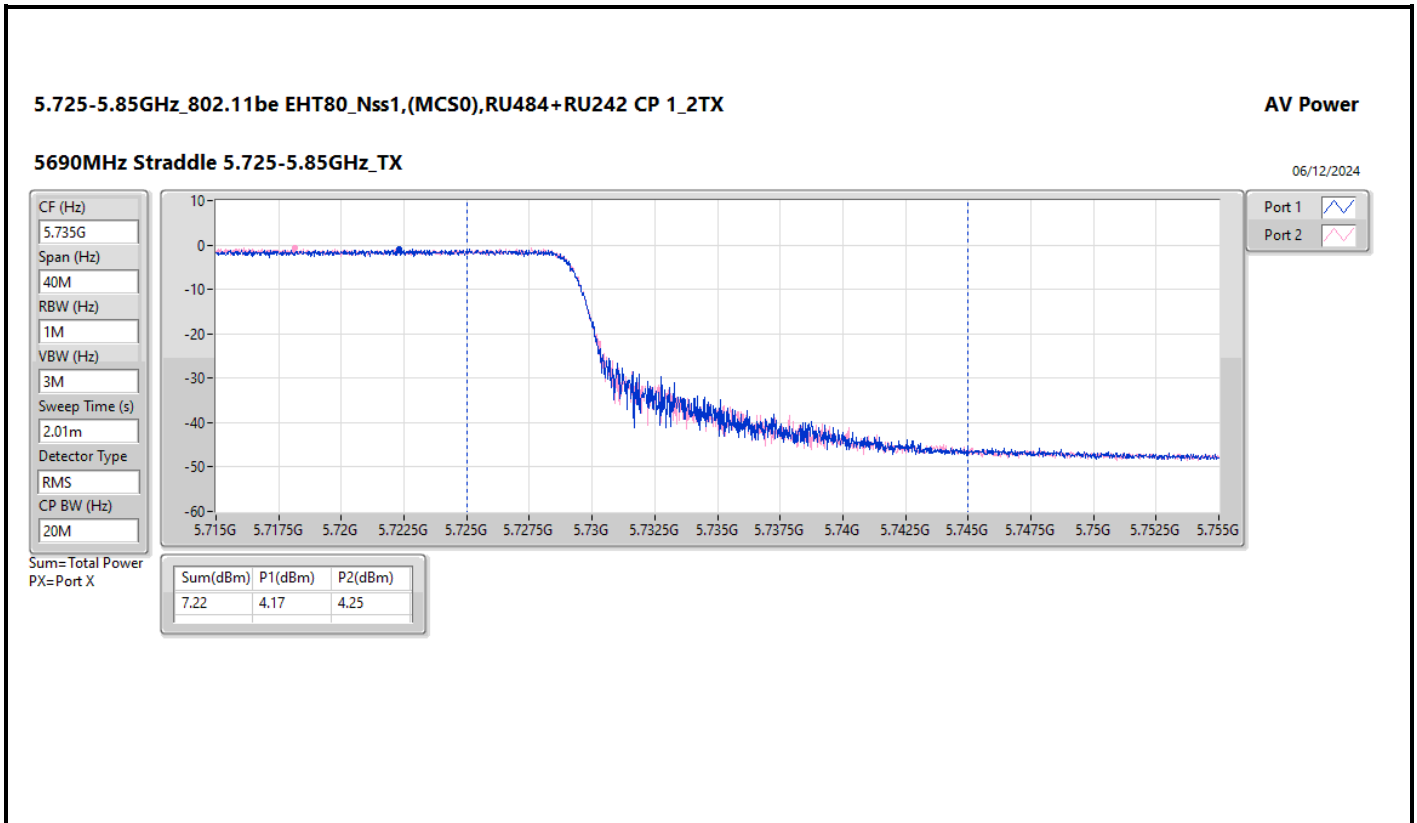
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

09/12/2024





**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.03	0.03184
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.54	0.11324
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.45	0.11092
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.46	0.11117
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.02	0.03177
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.66	0.11641
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.49	0.11194
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.58	0.11429
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.36	0.10864
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	14.52	0.02831
802.11be EHT40-BF_Nss1,(MCS0)_2TX	11.02	0.01265
802.11be EHT80-BF_Nss1,(MCS0)_2TX	7.81	0.00604



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.75	17.62	17.43	20.54	22.23
5300MHz	Pass	7.75	17.38	17.28	20.34	22.23
5320MHz	Pass	7.75	17.49	17.34	20.43	22.23
5500MHz	Pass	8.37	17.20	17.49	20.36	21.61
5580MHz	Pass	8.37	17.61	17.68	20.66	21.61
5700MHz	Pass	8.37	17.60	17.65	20.64	21.61
5720MHz Straddle 5.47-5.725GHz	Pass	8.37	16.21	16.27	19.25	20.56
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	11.47	11.54	14.52	27.97
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.75	17.52	17.35	20.45	22.23
5310MHz	Pass	7.75	17.44	17.30	20.38	22.23
5510MHz	Pass	8.37	17.25	17.51	20.39	21.61
5550MHz	Pass	8.37	17.36	17.37	20.38	21.61
5670MHz	Pass	8.37	17.55	17.41	20.49	21.61
5710MHz Straddle 5.47-5.725GHz	Pass	8.37	16.95	17.06	20.02	21.61
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	8.04	7.97	11.02	27.97
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.75	17.55	17.35	20.46	22.23
5530MHz	Pass	8.37	17.25	17.35	20.31	21.61
5610MHz	Pass	8.37	17.59	17.54	20.58	21.61
5690MHz Straddle 5.47-5.725GHz	Pass	8.37	17.29	17.41	20.36	21.61
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	4.87	4.73	7.81	27.97
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.24	12.18	11.86	15.03	21.74
5250MHz Straddle 5.25-5.35GHz	Pass	7.75	12.08	11.94	15.02	22.23
5570MHz	Pass	8.37	17.27	17.42	20.36	21.61

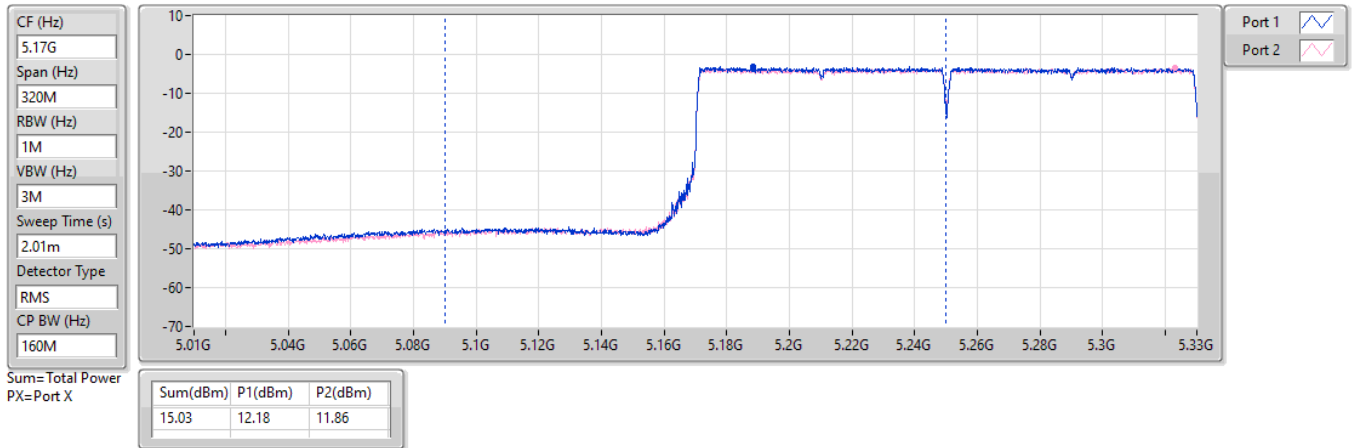
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

03/12/2024

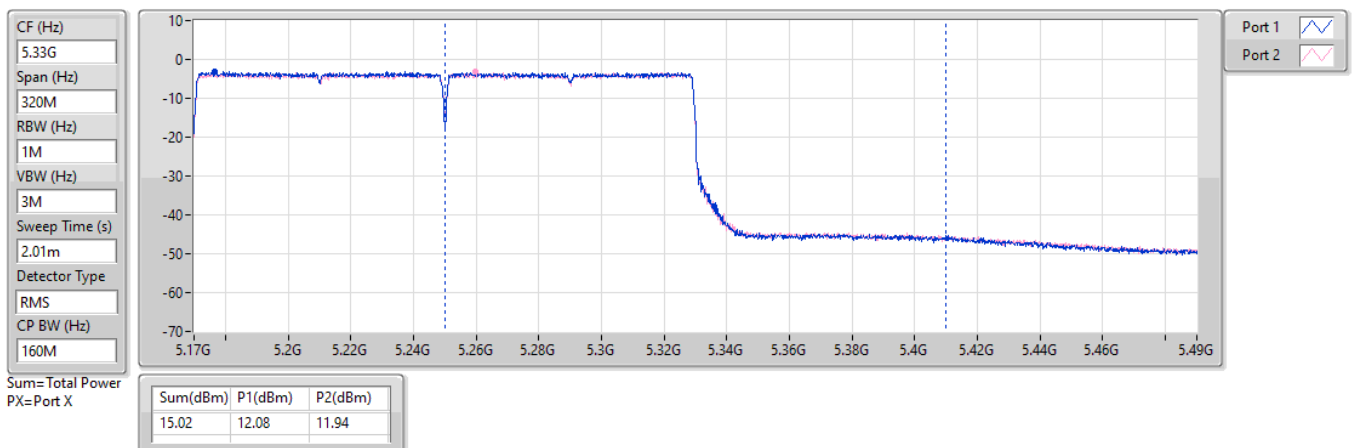


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

03/12/2024

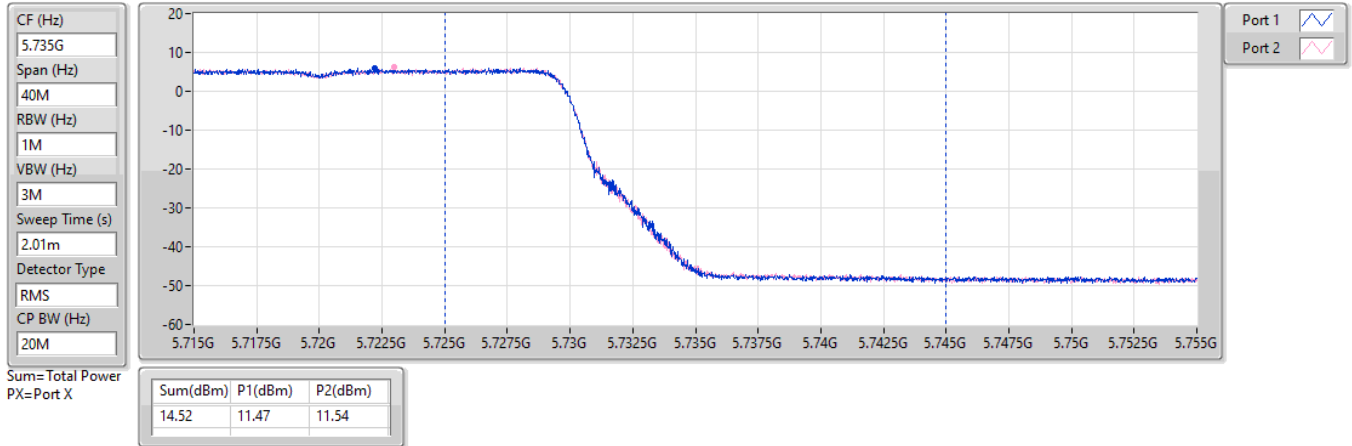


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/12/2024

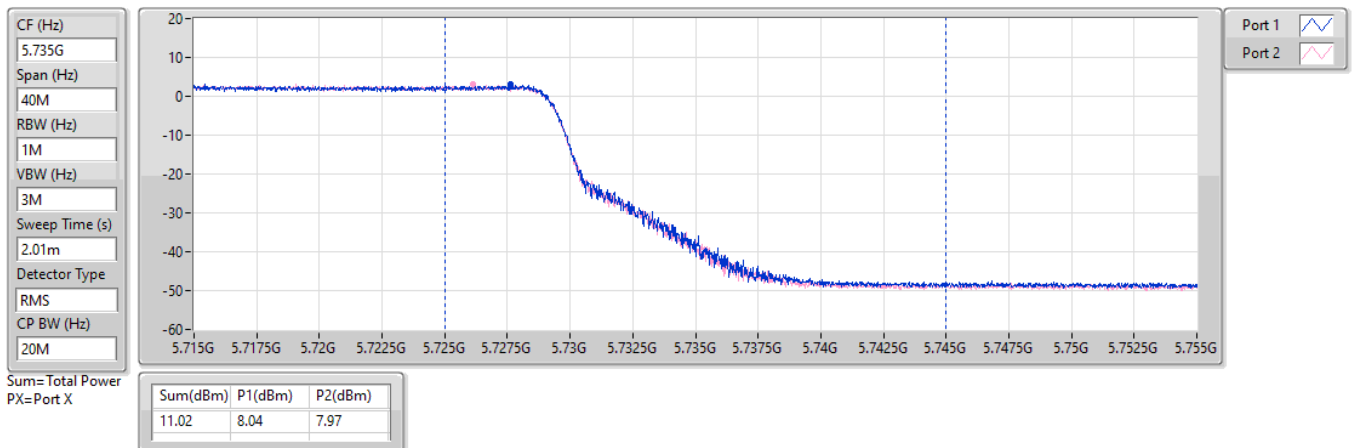


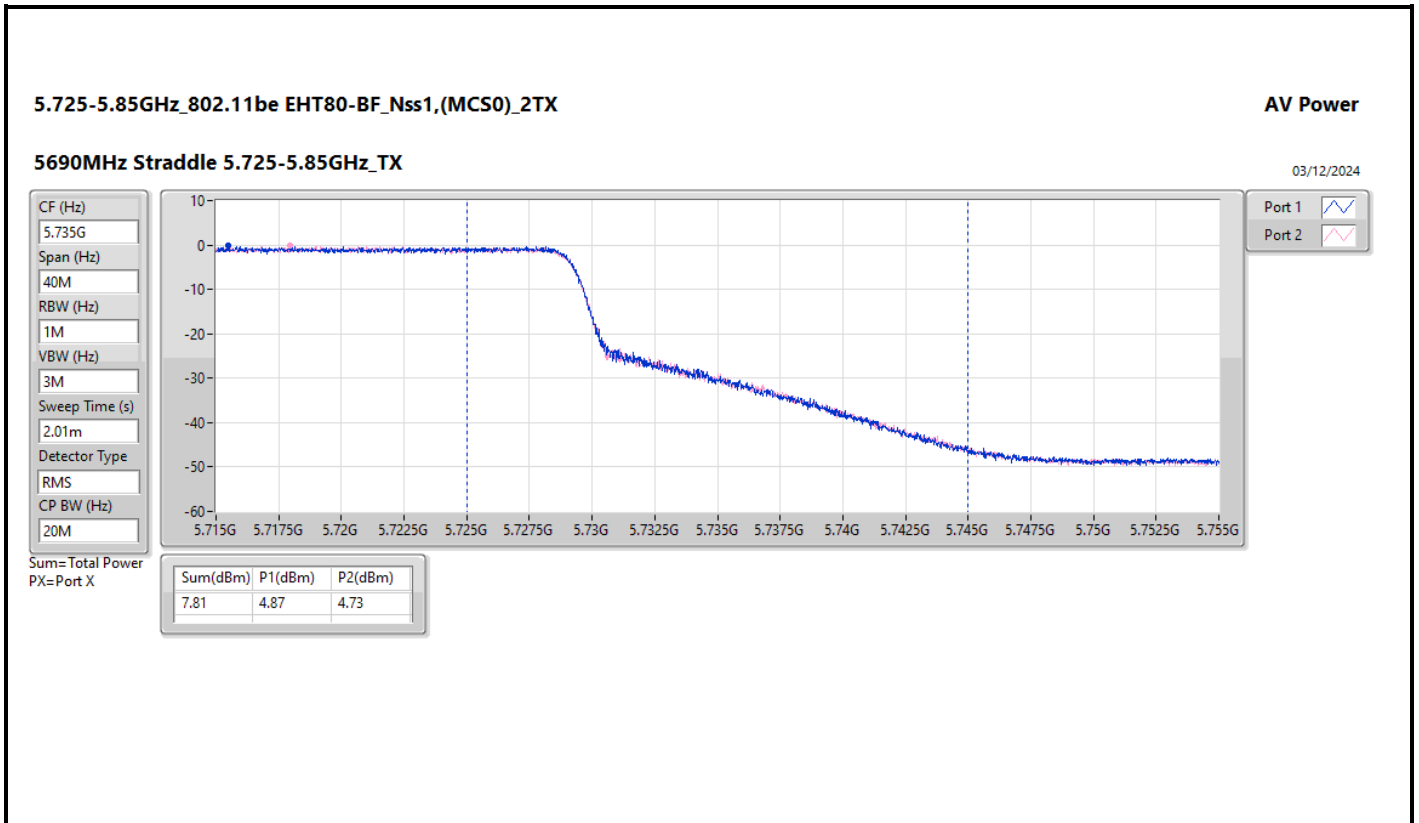
5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

03/12/2024





**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	15.17	0.03289
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.14	0.10328
802.11be EHT40-BF_Nss1,(MCS0)_2TX	19.82	0.09594
802.11be EHT80-BF_Nss1,(MCS0)_2TX	19.87	0.09705
802.11be EHT160-BF_Nss1,(MCS0)_2TX	14.67	0.02931
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.58	0.11429
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.37	0.10889
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.01	0.10023
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.08	0.10186
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	14.15	0.02600
802.11be EHT40-BF_Nss1,(MCS0)_2TX	10.63	0.01156
802.11be EHT80-BF_Nss1,(MCS0)_2TX	7.27	0.00533



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.61	16.32	17.82	20.14	22.37
5300MHz	Pass	7.61	16.40	17.38	19.93	22.37
5320MHz	Pass	7.61	16.34	17.16	19.78	22.37
5500MHz	Pass	8.33	17.15	17.95	20.58	21.65
5580MHz	Pass	8.33	16.22	17.40	19.86	21.65
5700MHz	Pass	8.33	16.85	17.51	20.20	21.65
5720MHz Straddle 5.47-5.725GHz	Pass	8.33	15.70	16.50	19.13	20.66
5720MHz Straddle 5.725-5.85GHz	Pass	7.86	10.75	11.49	14.15	28.14
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.61	15.80	17.48	19.73	22.37
5310MHz	Pass	7.61	16.30	17.26	19.82	22.37
5510MHz	Pass	8.33	17.06	17.64	20.37	21.65
5550MHz	Pass	8.33	16.39	17.16	19.80	21.65
5670MHz	Pass	8.33	16.77	17.41	20.11	21.65
5710MHz Straddle 5.47-5.725GHz	Pass	8.33	16.32	17.16	19.77	21.65
5710MHz Straddle 5.725-5.85GHz	Pass	7.86	7.39	7.84	10.63	28.14
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.61	16.32	17.34	19.87	22.37
5530MHz	Pass	8.33	16.57	17.31	19.97	21.65
5610MHz	Pass	8.33	16.49	17.46	20.01	21.65
5690MHz Straddle 5.47-5.725GHz	Pass	8.33	16.70	17.20	19.97	21.65
5690MHz Straddle 5.725-5.85GHz	Pass	7.86	4.28	4.24	7.27	28.14
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.78	12.01	12.30	15.17	28.22
5250MHz Straddle 5.25-5.35GHz	Pass	7.61	11.21	12.06	14.67	22.37
5570MHz	Pass	8.33	16.63	17.47	20.08	21.65

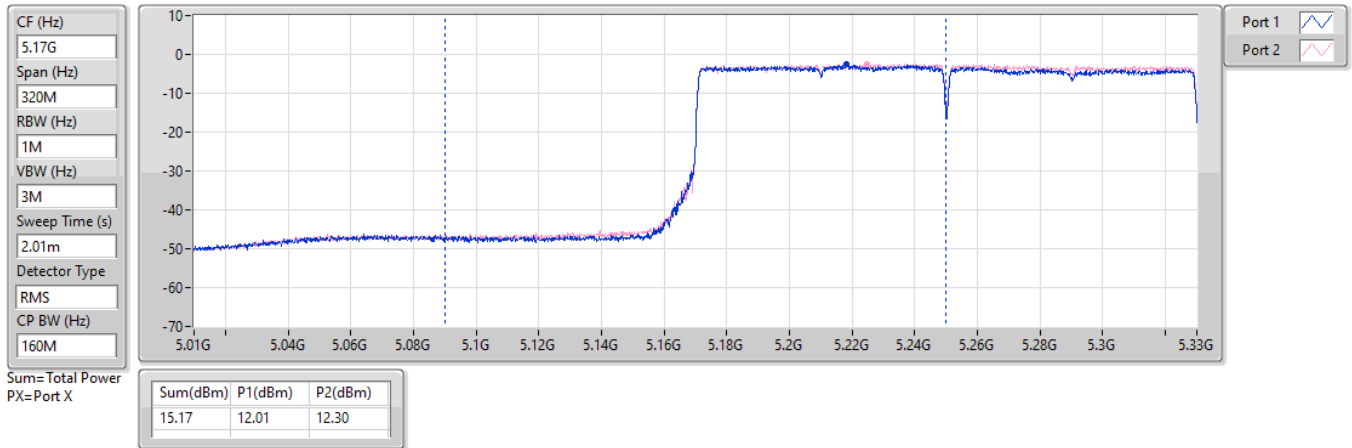
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

05/12/2024

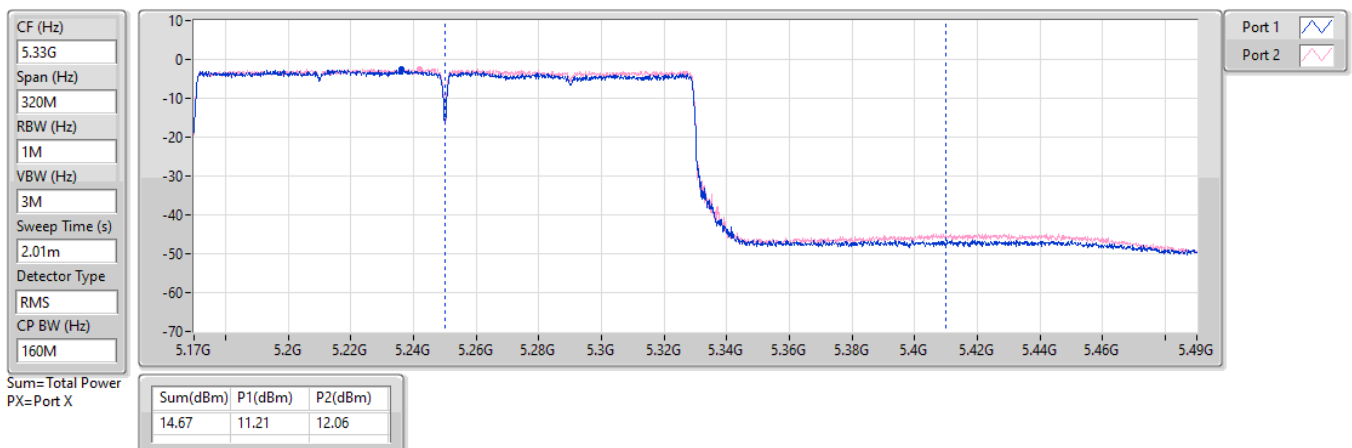


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

05/12/2024

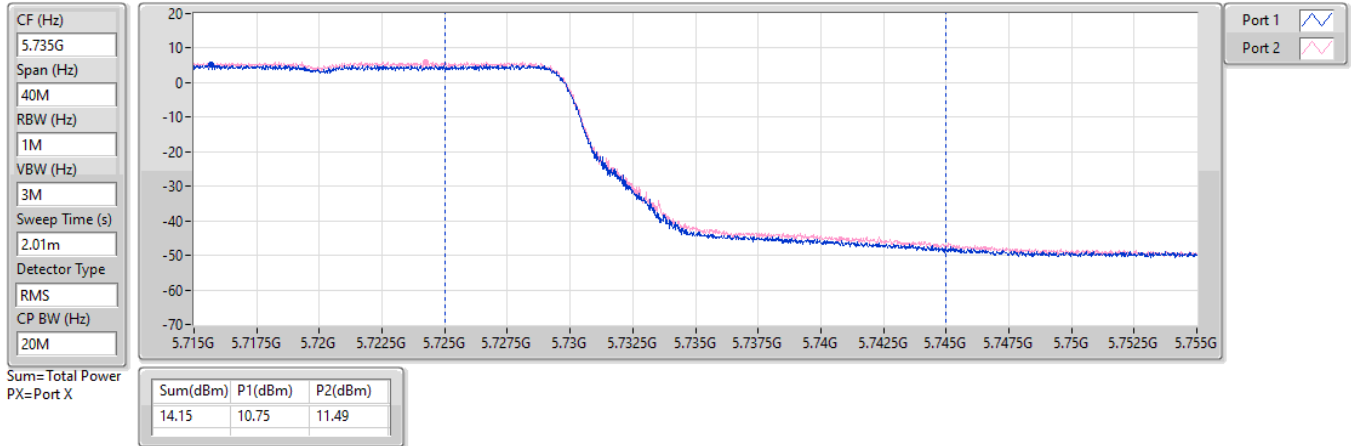


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

05/12/2024

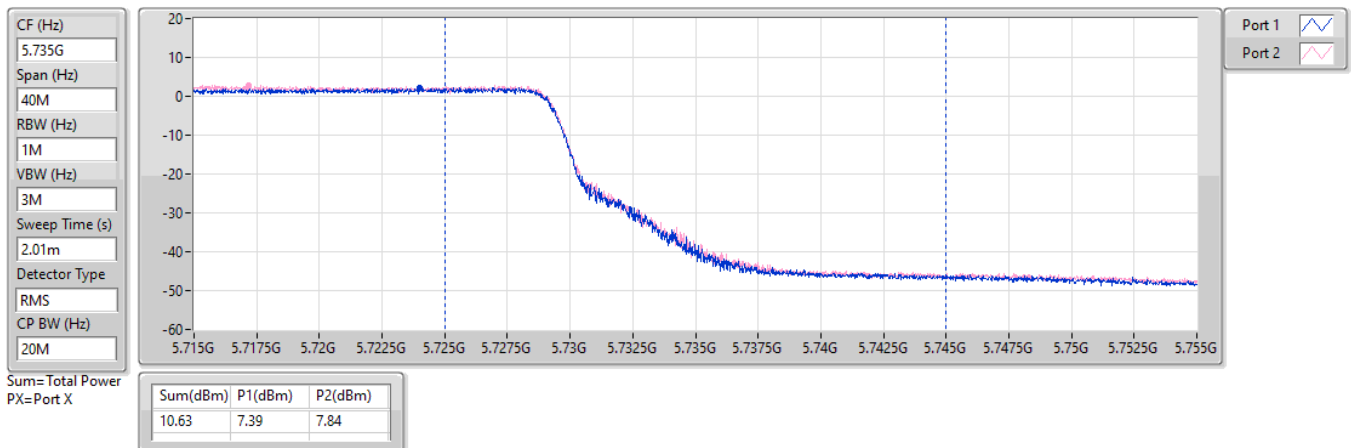


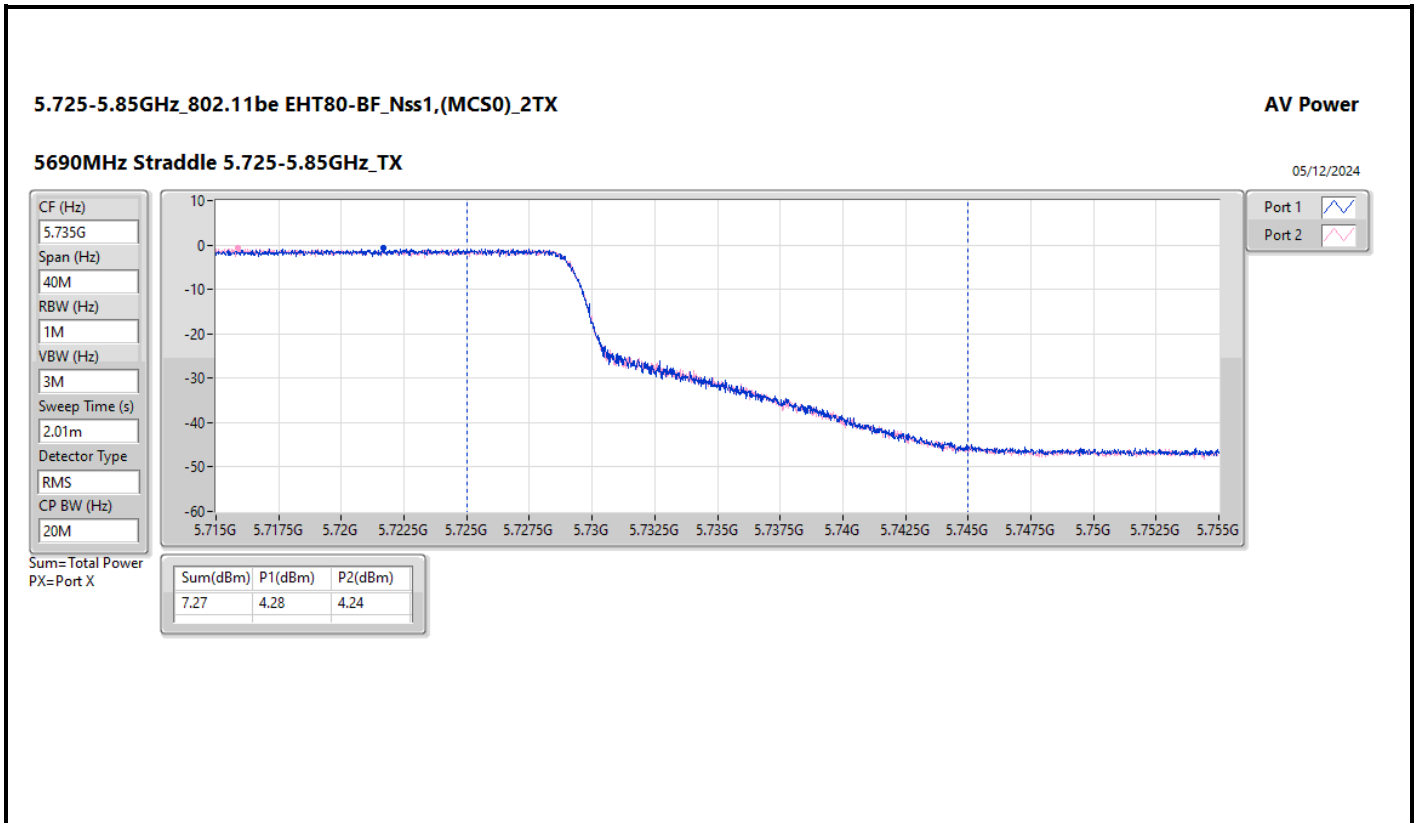
5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

05/12/2024







Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX	-2.75
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.21
802.11be EHT20_Nss1,(MCS0)_2TX	6.37
802.11be EHT40_Nss1,(MCS0)_2TX	3.03
802.11be EHT80_Nss1,(MCS0)_2TX	0.02
802.11be EHT160_Nss1,(MCS0)_2TX	-2.85
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.21
802.11be EHT20_Nss1,(MCS0)_2TX	6.37
802.11be EHT40_Nss1,(MCS0)_2TX	3.41
802.11be EHT80_Nss1,(MCS0)_2TX	0.19
802.11be EHT160_Nss1,(MCS0)_2TX	-2.91
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.73
802.11be EHT20_Nss1,(MCS0)_2TX	4.92
802.11be EHT40_Nss1,(MCS0)_2TX	1.84
802.11be EHT80_Nss1,(MCS0)_2TX	-1.40

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.67	4.29	4.18	7.21	10.33
5300MHz	Pass	6.67	3.84	3.79	6.79	10.33
5320MHz	Pass	6.67	3.98	3.80	6.89	10.33
5500MHz	Pass	6.55	4.17	4.06	7.13	10.45
5580MHz	Pass	6.55	4.21	3.91	7.00	10.45
5700MHz	Pass	6.55	4.26	4.31	7.21	10.45
5720MHz Straddle 5.47-5.725GHz	Pass	6.55	4.09	4.35	7.11	10.45
5720MHz Straddle 5.725-5.85GHz	Pass	5.22	2.77	2.88	5.73	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.67	3.39	3.33	6.37	10.33
5300MHz	Pass	6.67	2.99	2.83	5.89	10.33
5320MHz	Pass	6.67	3.21	3.09	6.14	10.33
5500MHz	Pass	6.55	3.28	3.19	6.25	10.45
5580MHz	Pass	6.55	3.33	3.02	6.16	10.45
5700MHz	Pass	6.55	3.39	3.44	6.37	10.45
5720MHz Straddle 5.47-5.725GHz	Pass	6.55	3.22	3.35	6.23	10.45
5720MHz Straddle 5.725-5.85GHz	Pass	5.22	1.87	1.98	4.92	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.67	-0.05	0.19	3.03	10.33
5310MHz	Pass	6.67	-0.10	0.04	2.90	10.33
5510MHz	Pass	6.55	0.25	0.31	3.25	10.45
5550MHz	Pass	6.55	0.23	0.19	3.19	10.45
5670MHz	Pass	6.55	0.18	0.50	3.28	10.45
5710MHz Straddle 5.47-5.725GHz	Pass	6.55	0.27	0.57	3.41	10.45
5710MHz Straddle 5.725-5.85GHz	Pass	5.22	-1.29	-0.98	1.84	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.67	-2.98	-2.90	0.02	10.33
5530MHz	Pass	6.55	-2.82	-2.88	0.10	10.45
5610MHz	Pass	6.55	-2.86	-2.59	0.19	10.45
5690MHz Straddle 5.47-5.725GHz	Pass	6.55	-2.94	-2.72	0.15	10.45
5690MHz Straddle 5.725-5.85GHz	Pass	5.22	-4.57	-4.18	-1.40	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.59	-5.82	-5.49	-2.75	16.41
5250MHz Straddle 5.25-5.35GHz	Pass	6.67	-5.86	-5.84	-2.85	10.33
5570MHz	Pass	6.55	-5.84	-5.75	-2.91	10.45

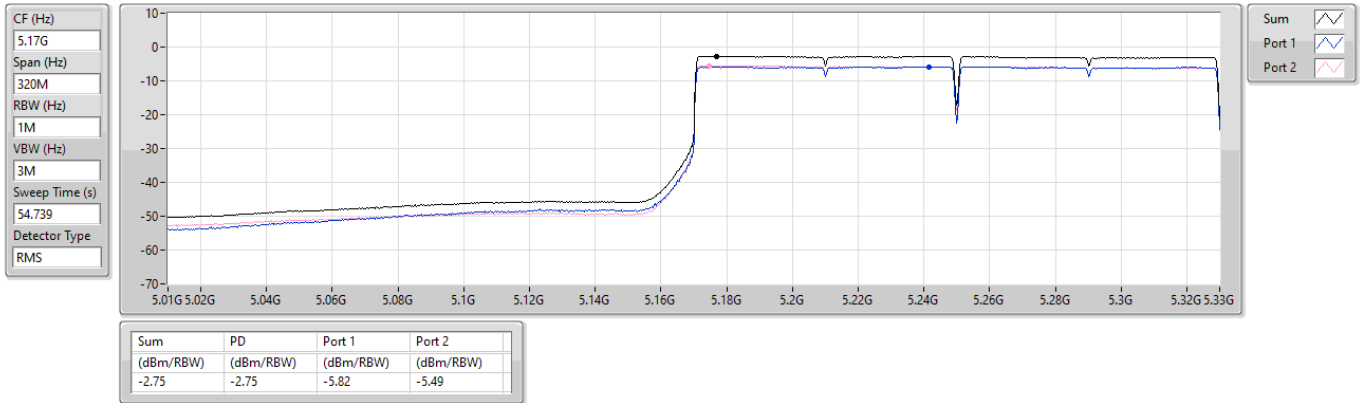
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/12/2024

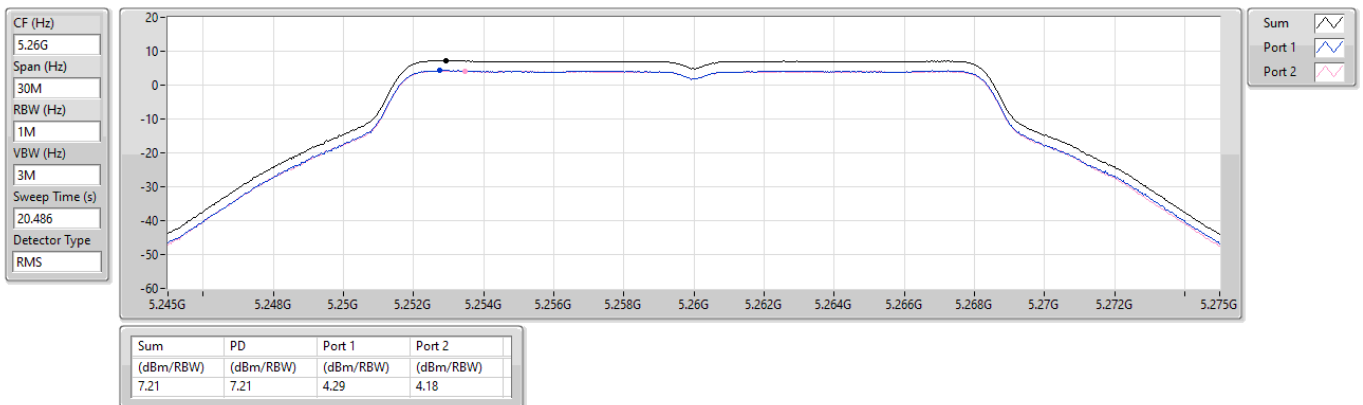


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

06/12/2024



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

06/12/2024

CF (Hz)
5.26G

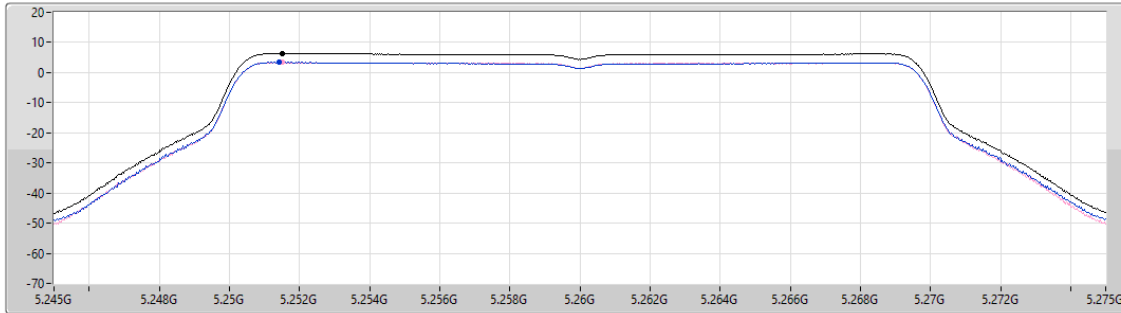
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.37	6.37	3.39	3.33

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

06/12/2024

CF (Hz)
5.27G

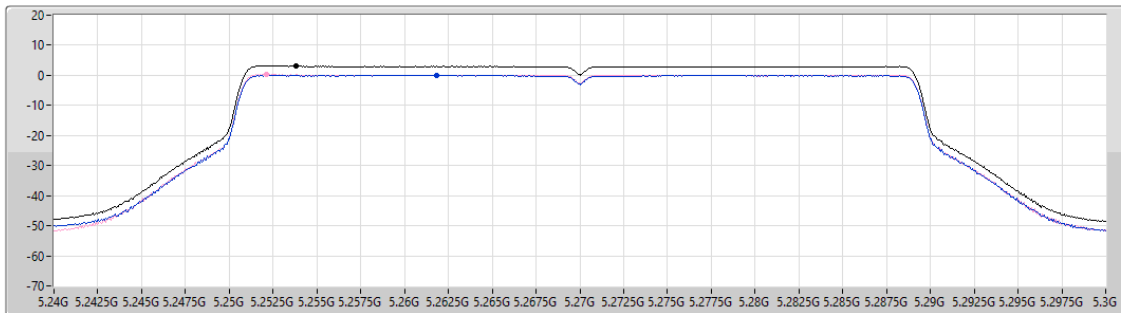
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.03	3.03	-0.05	0.19

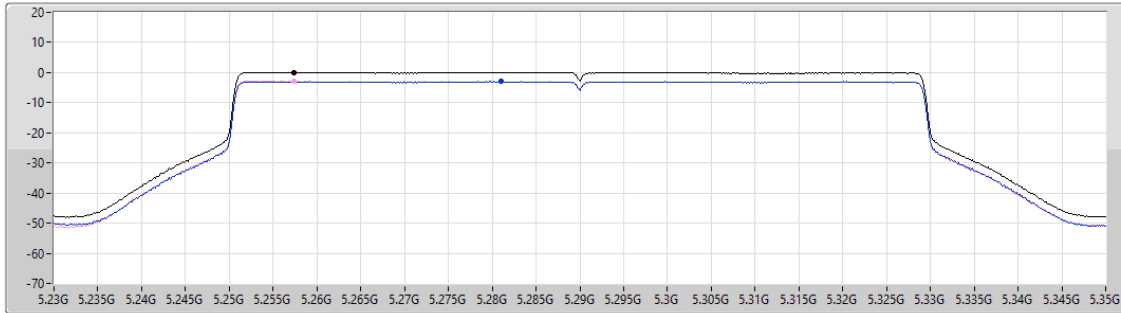
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

06/12/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.02	0.02	-2.98	-2.90

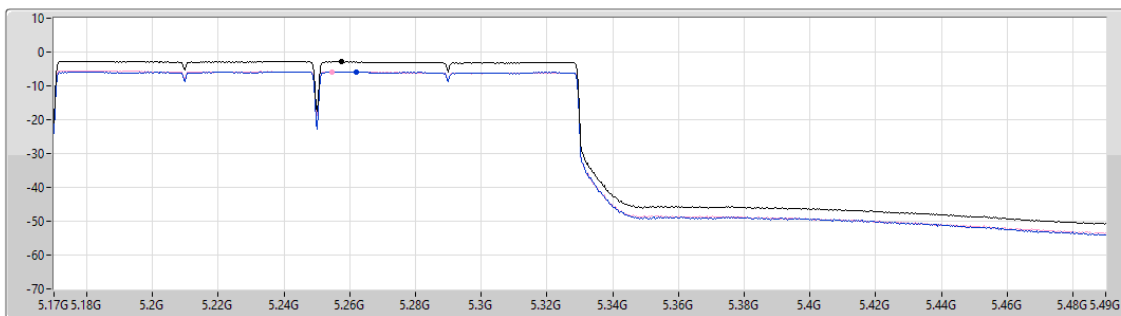
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/12/2024

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.85	-2.85	-5.86	-5.84

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

06/12/2024

CF (Hz)
5.7G

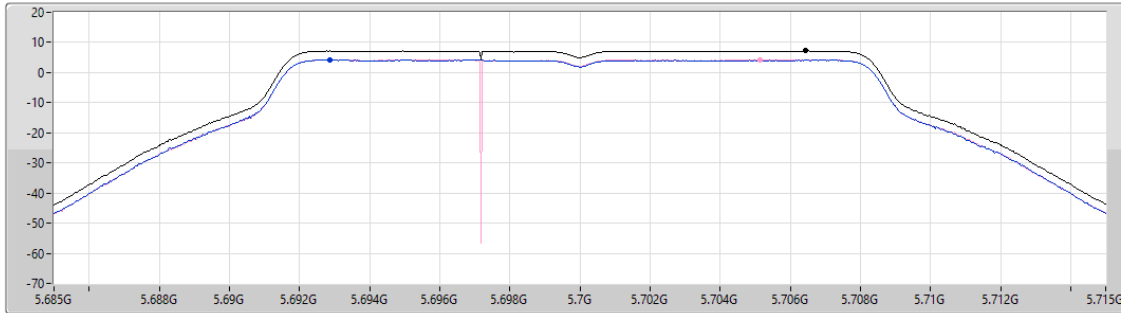
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.486

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	4.26	4.31

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

06/12/2024

CF (Hz)
5.7G

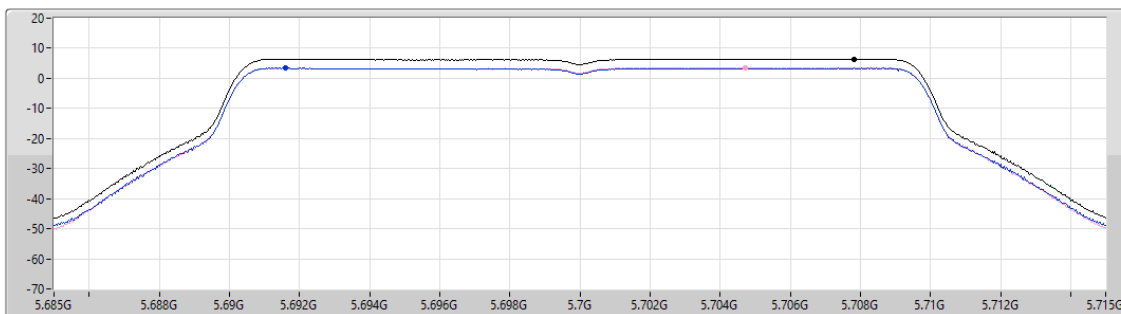
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



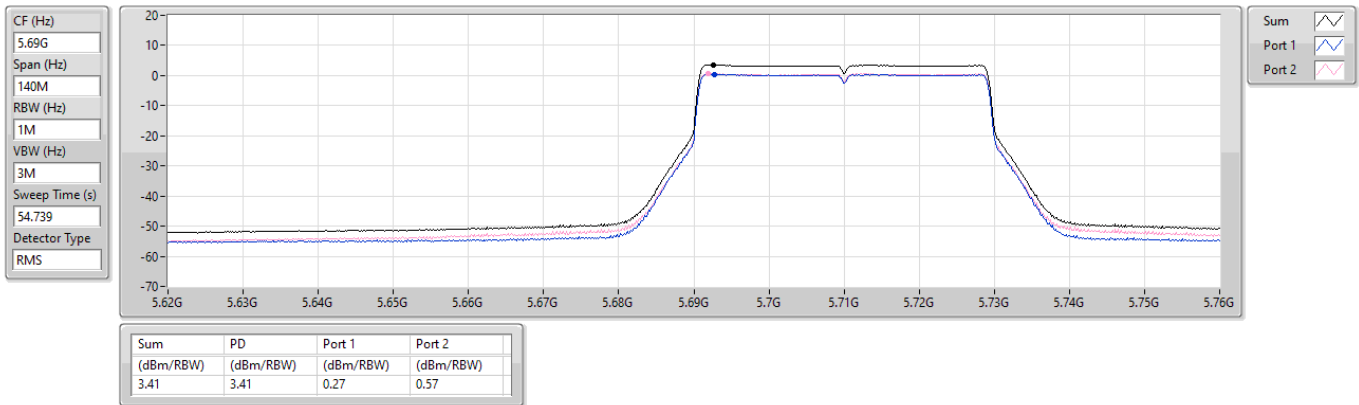
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.37	6.37	3.39	3.44

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/12/2024

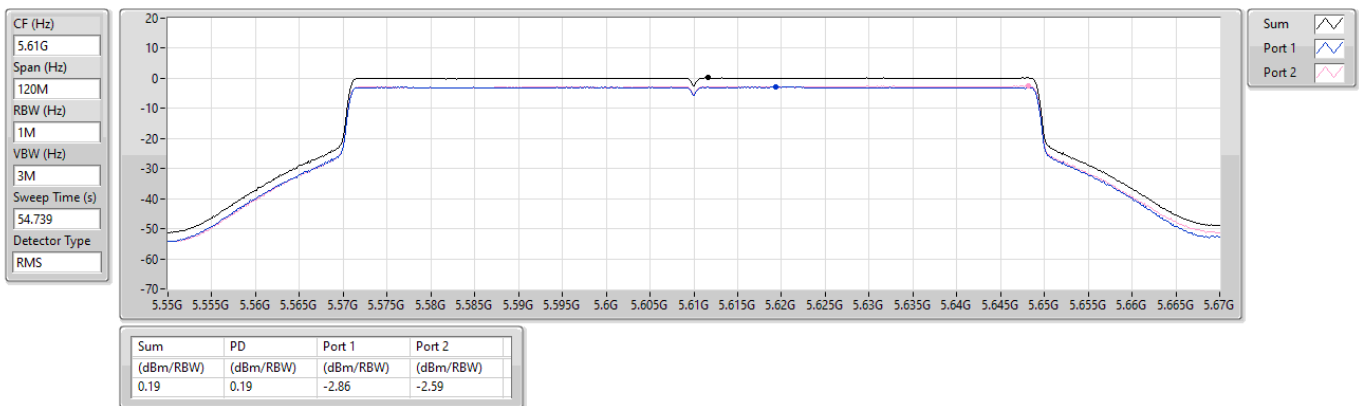


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

06/12/2024



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5570MHz

06/12/2024

CF (Hz)
5.57G

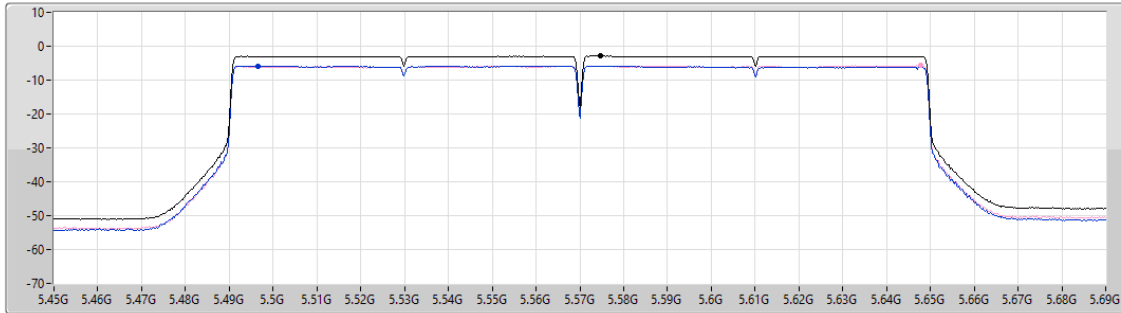
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.91	-2.91	-5.84	-5.75

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/12/2024

CF (Hz)
5.735G

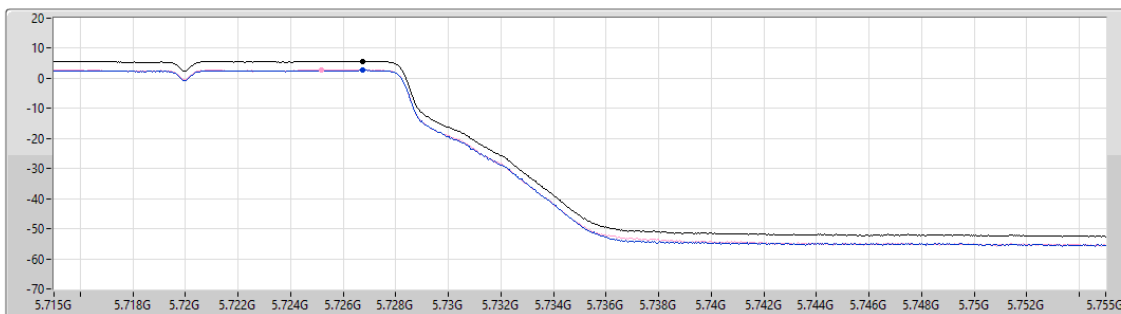
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20.486

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

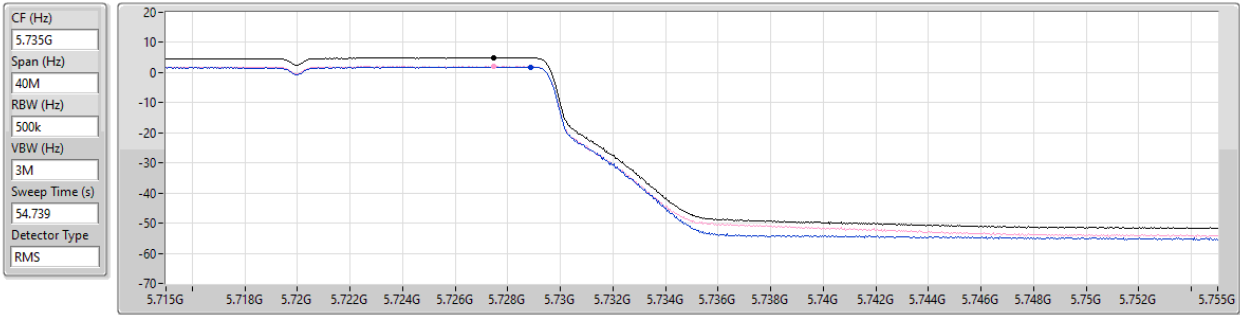
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.73	5.73	2.77	2.88

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/12/2024



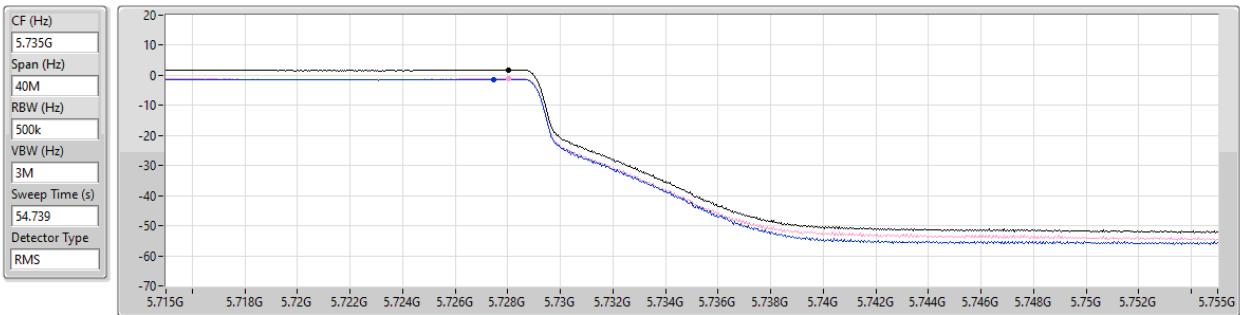
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.92	4.92	1.87	1.98

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/12/2024



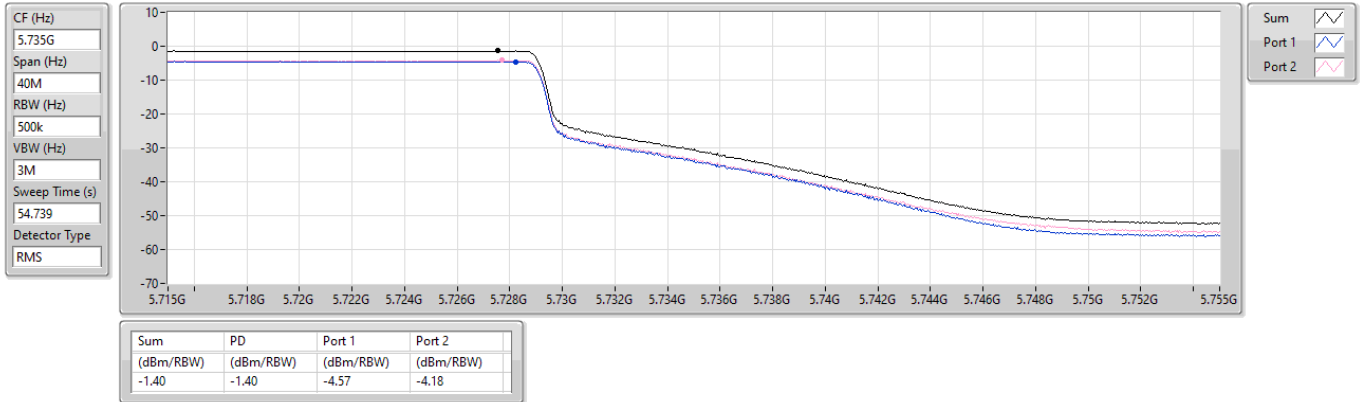
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.84	1.84	-1.29	-0.98

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/12/2024





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX	-2.55
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.80
802.11be EHT20_Nss1,(MCS0)_2TX	6.15
802.11be EHT40_Nss1,(MCS0)_2TX	2.97
802.11be EHT80_Nss1,(MCS0)_2TX	-0.22
802.11be EHT160_Nss1,(MCS0)_2TX	-2.68
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.83
802.11be EHT20_Nss1,(MCS0)_2TX	6.26
802.11be EHT40_Nss1,(MCS0)_2TX	3.45
802.11be EHT80_Nss1,(MCS0)_2TX	0.07
802.11be EHT160_Nss1,(MCS0)_2TX	-2.68
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	4.96
802.11be EHT20_Nss1,(MCS0)_2TX	4.34
802.11be EHT40_Nss1,(MCS0)_2TX	1.16
802.11be EHT80_Nss1,(MCS0)_2TX	-2.01

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.88	3.53	4.08	6.80	11.00
5300MHz	Pass	4.88	3.34	3.56	6.44	11.00
5320MHz	Pass	4.88	2.97	3.25	6.09	11.00
5500MHz	Pass	5.54	3.60	4.16	6.83	11.00
5580MHz	Pass	5.54	2.97	3.99	6.50	11.00
5700MHz	Pass	5.54	3.71	3.92	6.79	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	3.37	4.01	6.71	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.84	1.66	2.29	4.96	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.88	2.92	3.38	6.15	11.00
5300MHz	Pass	4.88	2.82	3.00	5.89	11.00
5320MHz	Pass	4.88	2.49	2.67	5.59	11.00
5500MHz	Pass	5.54	2.96	3.55	6.26	11.00
5580MHz	Pass	5.54	2.45	3.50	5.97	11.00
5700MHz	Pass	5.54	3.05	3.39	6.21	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.54	2.79	3.38	6.10	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.84	1.07	1.63	4.34	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.88	-0.31	0.26	2.97	11.00
5310MHz	Pass	4.88	-0.45	-0.19	2.68	11.00
5510MHz	Pass	5.54	-0.37	0.37	2.99	11.00
5550MHz	Pass	5.54	-0.76	0.48	2.91	11.00
5670MHz	Pass	5.54	0.08	0.82	3.45	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.54	-0.32	0.44	3.05	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.84	-1.87	-1.77	1.16	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.22	-3.12	-0.22	11.00
5530MHz	Pass	5.54	-3.45	-2.80	-0.18	11.00
5610MHz	Pass	5.54	-3.26	-2.59	0.07	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.18	-2.81	-0.05	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-4.90	-5.06	-2.01	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.63	-5.36	-2.55	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-5.86	-5.45	-2.68	11.00
5570MHz	Pass	5.54	-6.12	-5.21	-2.68	11.00

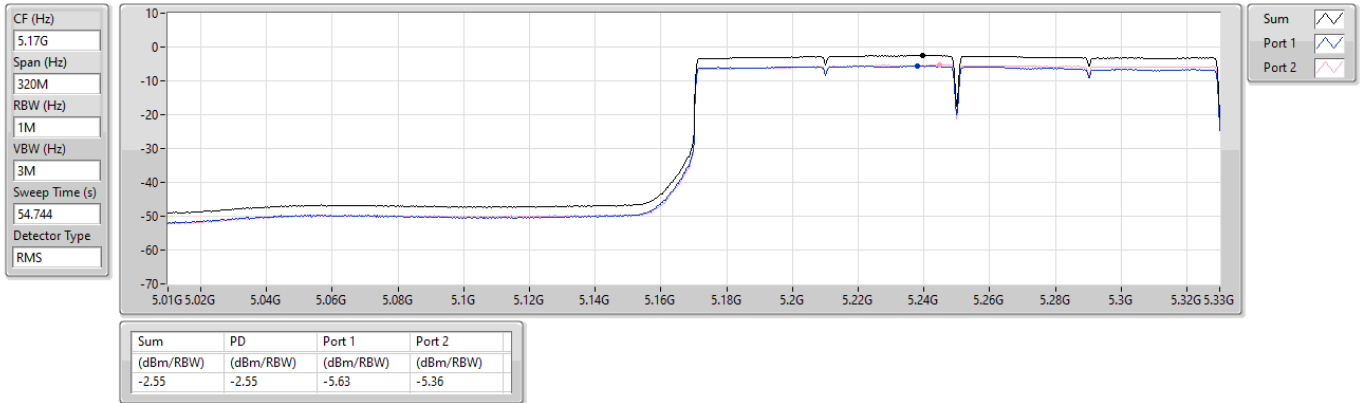
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

21/11/2024

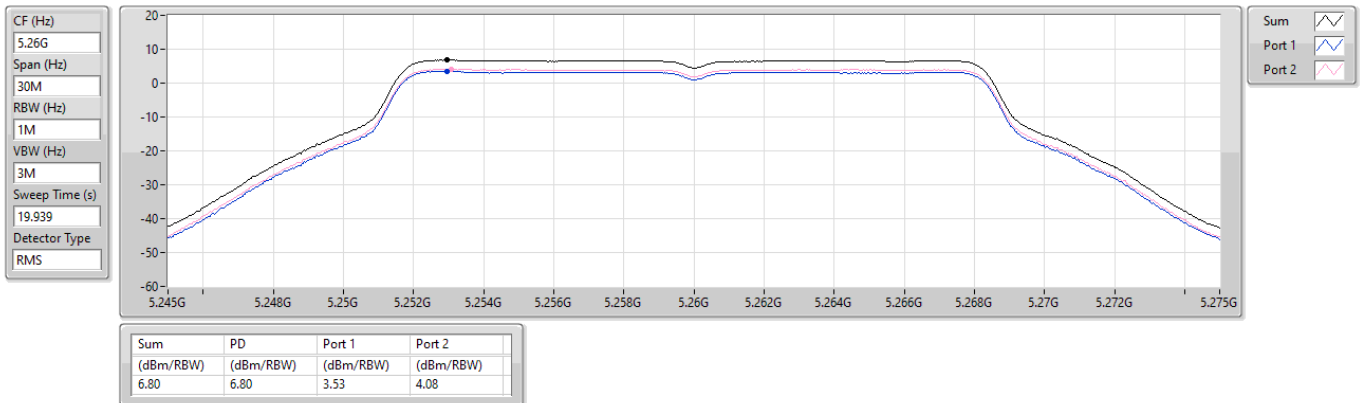


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

21/11/2024



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

21/11/2024

CF (Hz)
5.26G

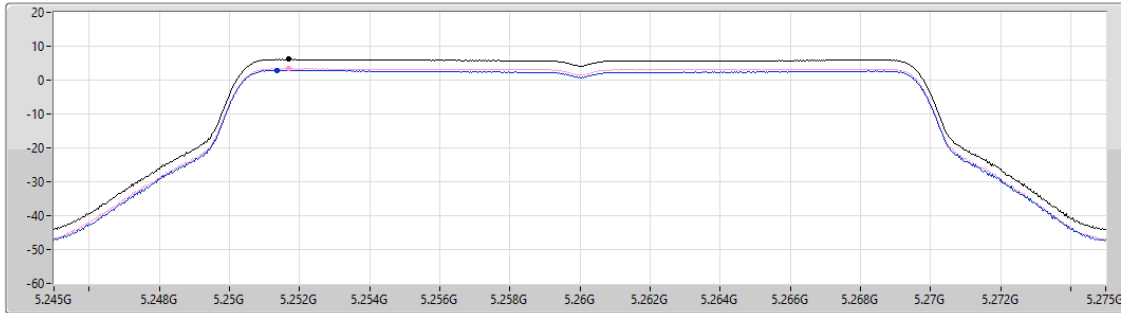
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
6.15	6.15	2.92	3.38

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

21/11/2024

CF (Hz)
5.27G

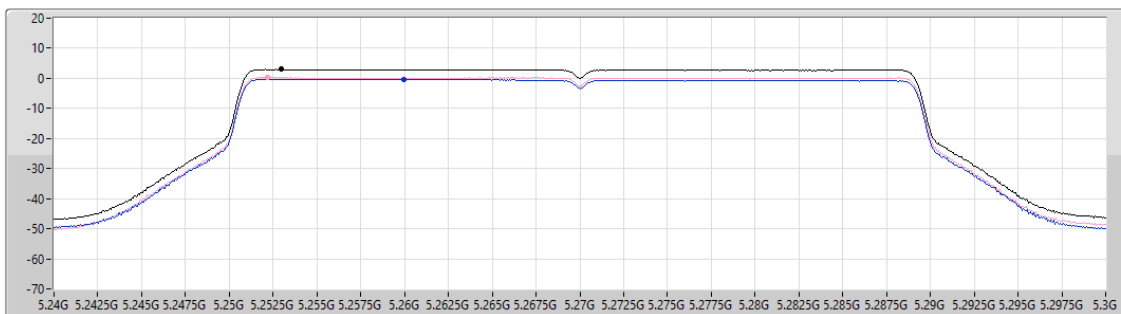
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
2.97	2.97	-0.31	0.26

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

21/11/2024

CF (Hz)
5.29G

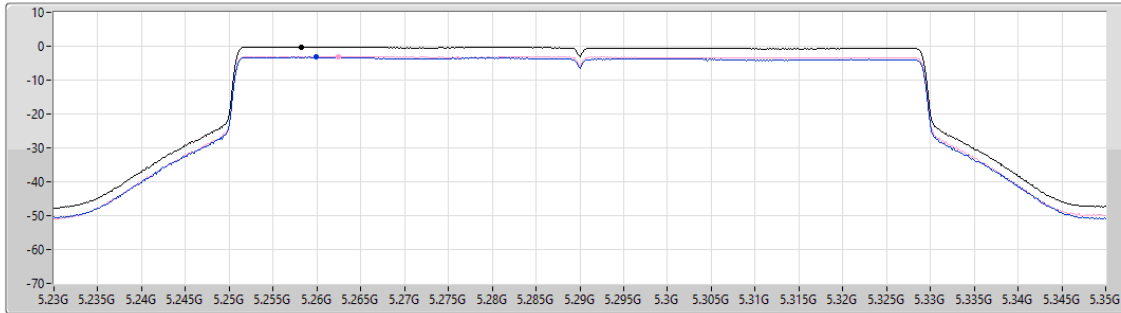
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.22	-0.22	-3.22	-3.12

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

21/11/2024

CF (Hz)
5.33G

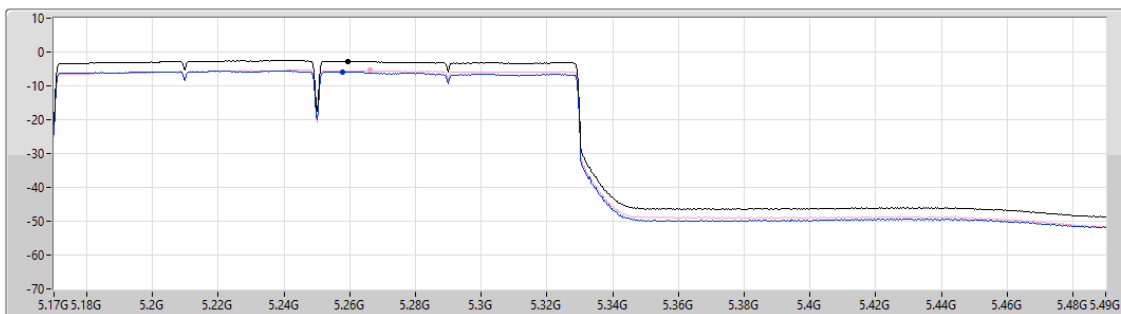
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.68	-2.68	-5.86	-5.45

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

21/11/2024

CF (Hz)
5.5G

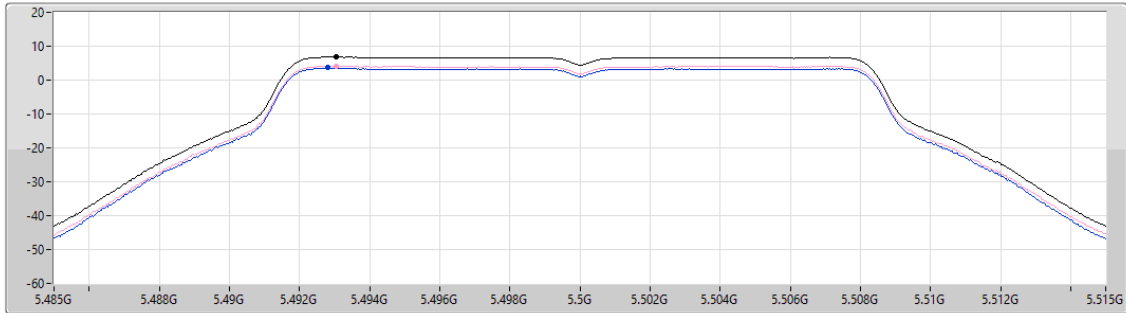
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.939

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.83	6.83	3.60	4.16

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

21/11/2024

CF (Hz)
5.5G

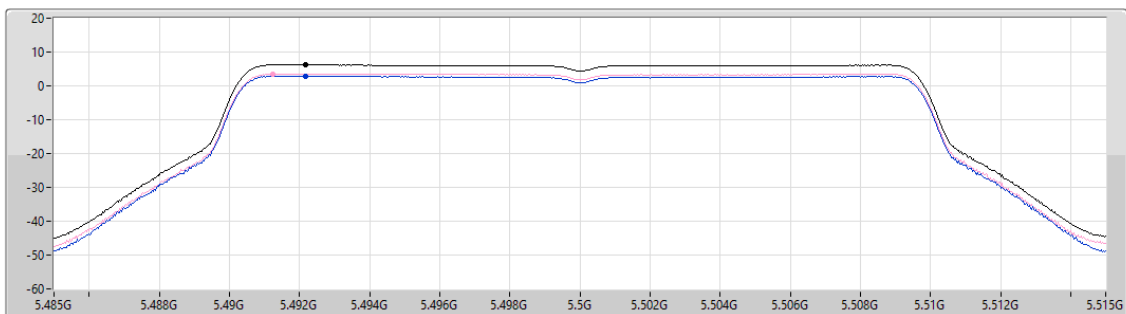
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.26	6.26	2.96	3.55

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

21/11/2024

CF (Hz)
5.67G

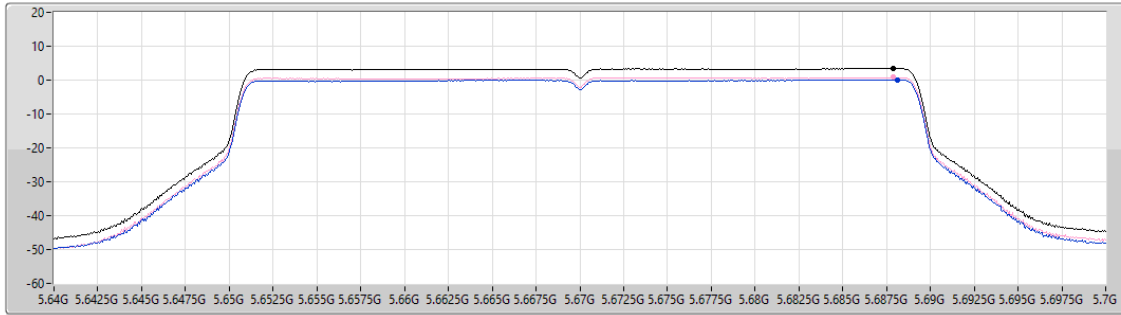
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.45	3.45	0.08	0.82

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

21/11/2024

CF (Hz)
5.61G

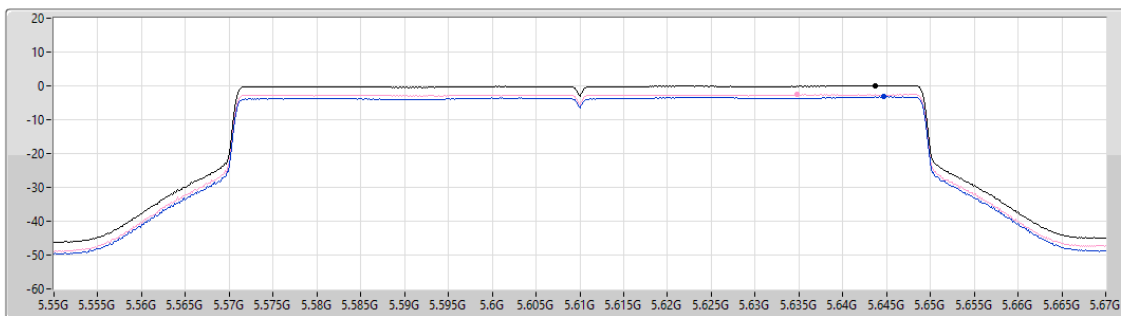
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.07	0.07	-3.26	-2.59

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5570MHz

21/11/2024

CF (Hz)
5.57G

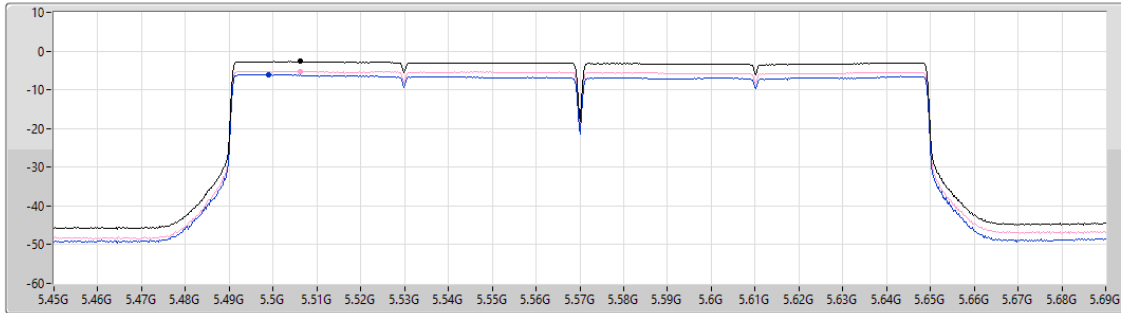
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.68	-2.68	-6.12	-5.21

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

21/11/2024

CF (Hz)
5.735G

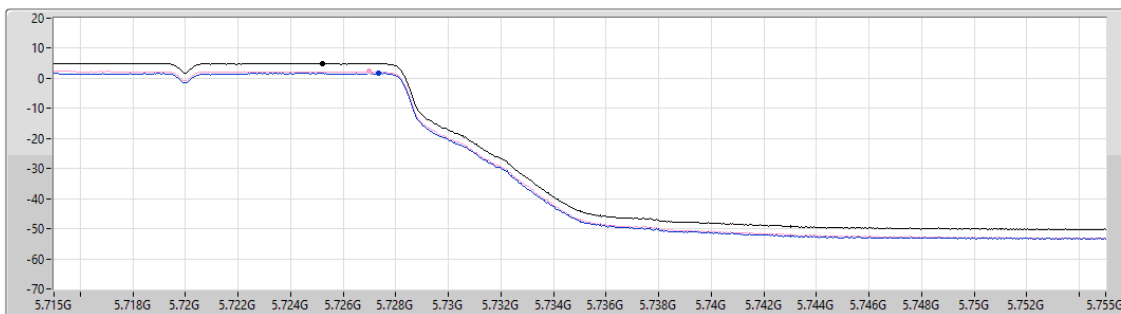
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.939

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

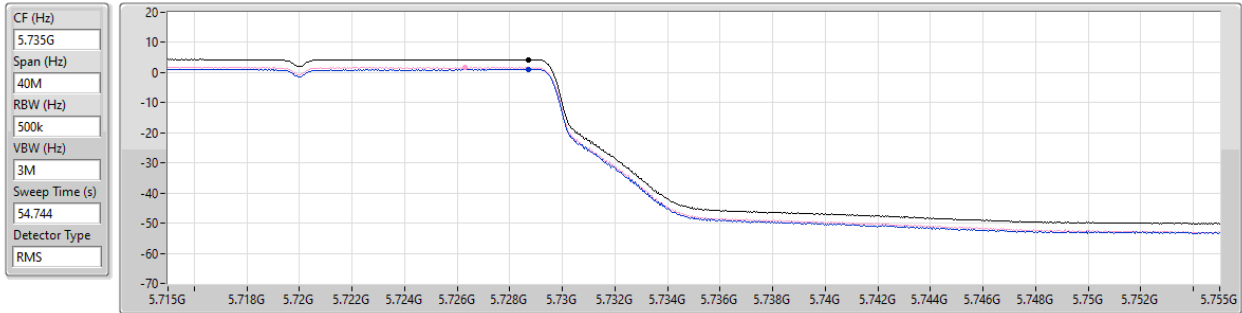
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.96	4.96	1.66	2.29

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

21/11/2024



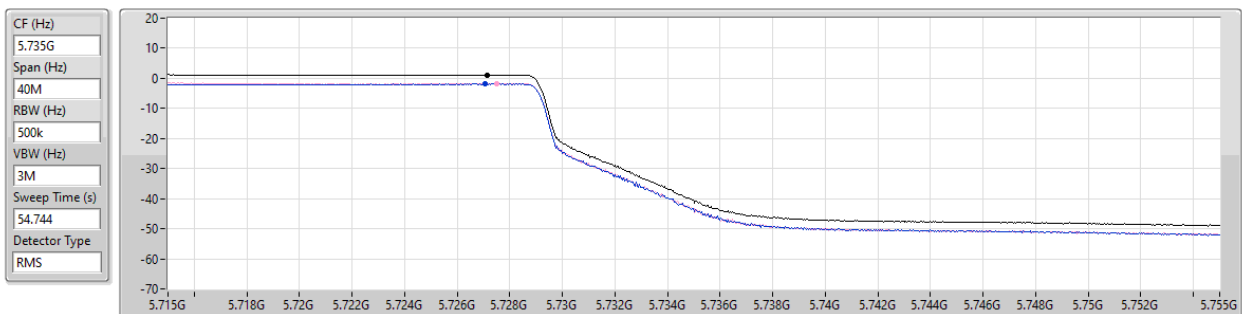
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.34	4.34	1.07	1.63

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

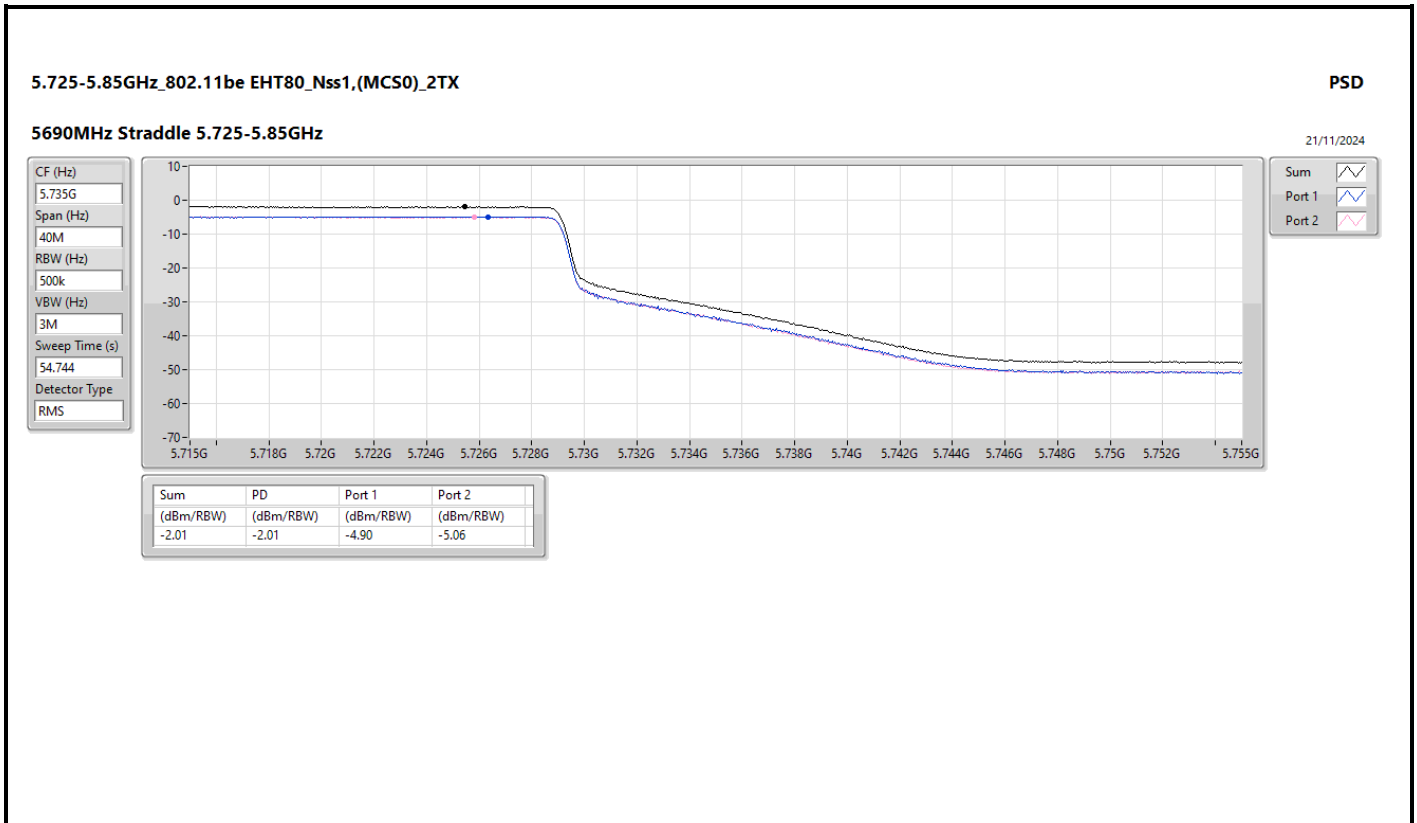
PSD

5710MHz Straddle 5.725-5.85GHz

21/11/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.16	1.16	-1.87	-1.77





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-2.60
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-0.33
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-2.95
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-0.08
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-2.76
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-2.29

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.42	-3.27	-0.40	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.17	-3.23	-0.33	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5530MHz	Pass	5.54	-3.71	-2.74	-0.21	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5530MHz	Pass	5.54	-3.78	-2.82	-0.33	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5610MHz	Pass	5.54	-3.64	-2.59	-0.08	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5610MHz	Pass	5.54	-3.87	-2.76	-0.34	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.63	-3.27	-0.48	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.43	-2.81	-0.14	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-5.53	-5.51	-2.56	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-5.21	-5.06	-2.29	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.80	-5.32	-2.70	17.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.24	-5.50	-2.91	17.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.64	-5.20	-2.60	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-5.92	-5.86	-3.00	11.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.40	-6.04	-3.27	11.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.13	-5.68	-2.95	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.13	-5.04	-2.76	11.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.51	-5.11	-2.79	11.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.65	-5.30	-3.06	11.00

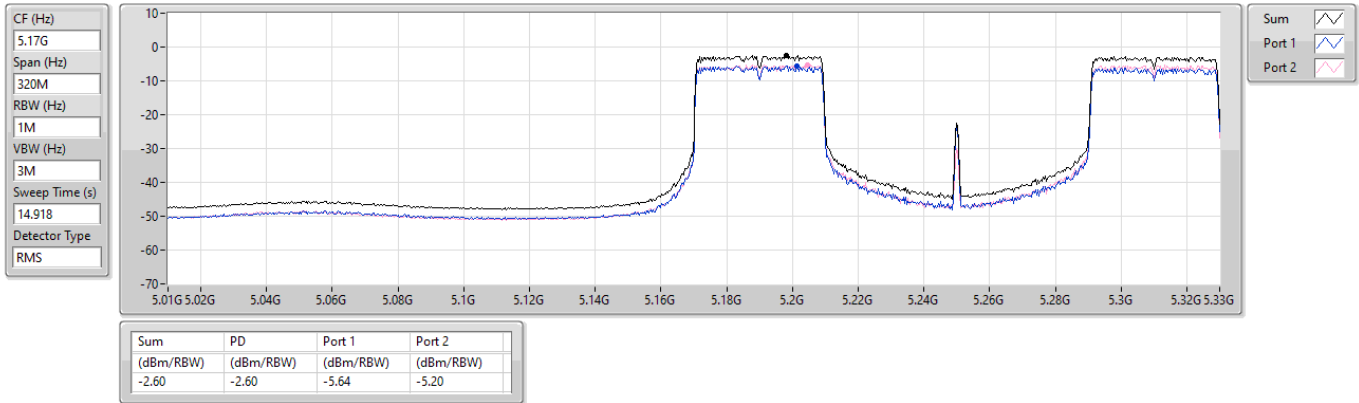
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

08/01/2025

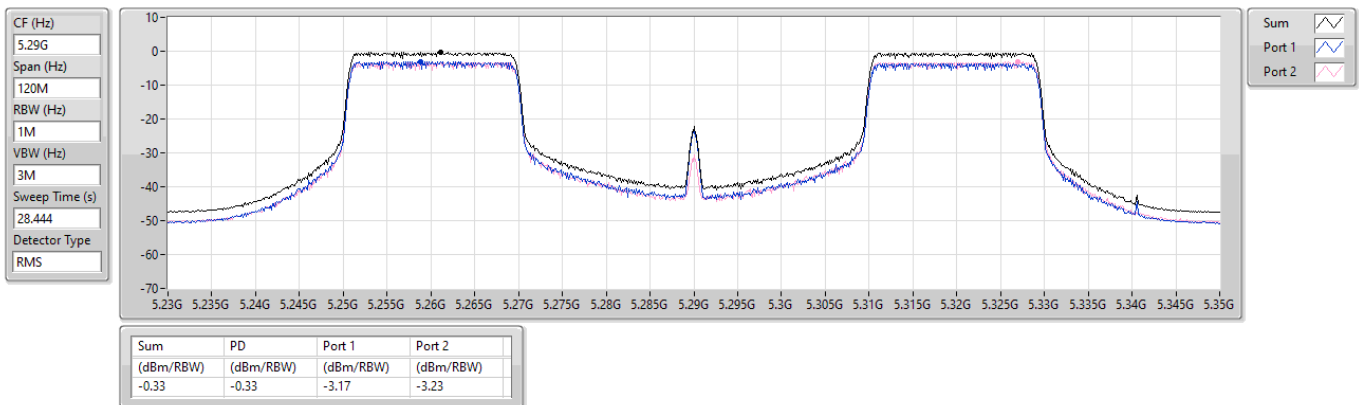


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

PSD

5290MHz

08/01/2025

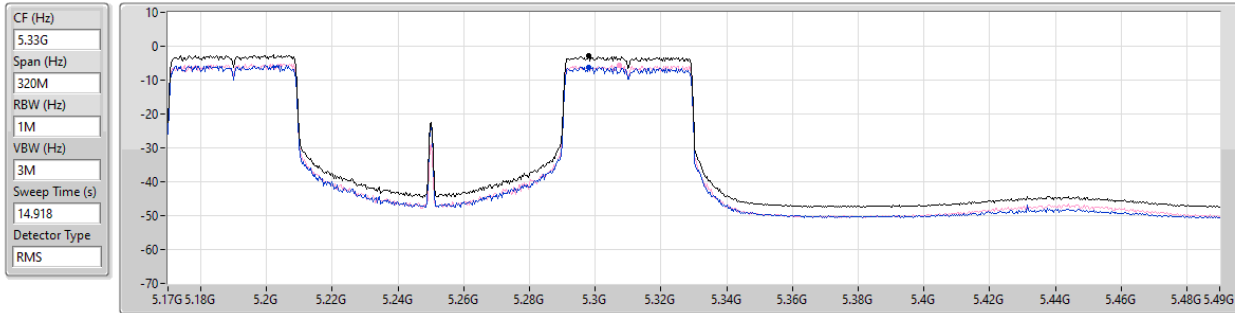


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

08/01/2025



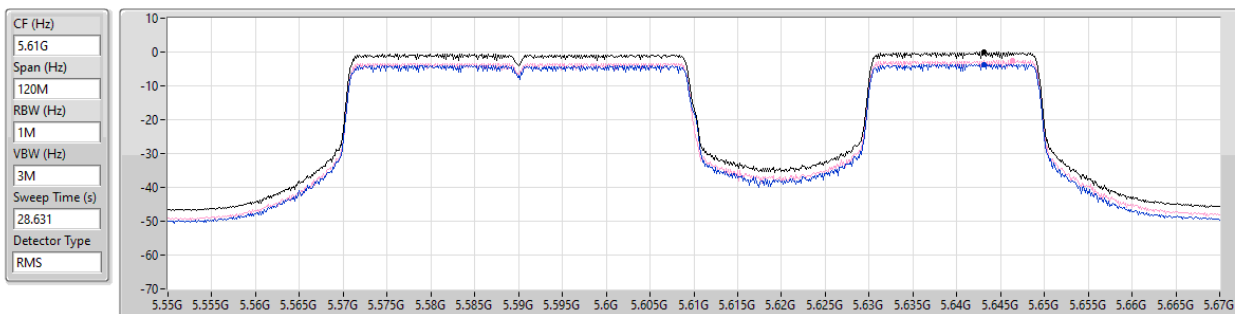
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.95	-2.95	-6.13	-5.68

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

PSD

5610MHz

08/01/2025



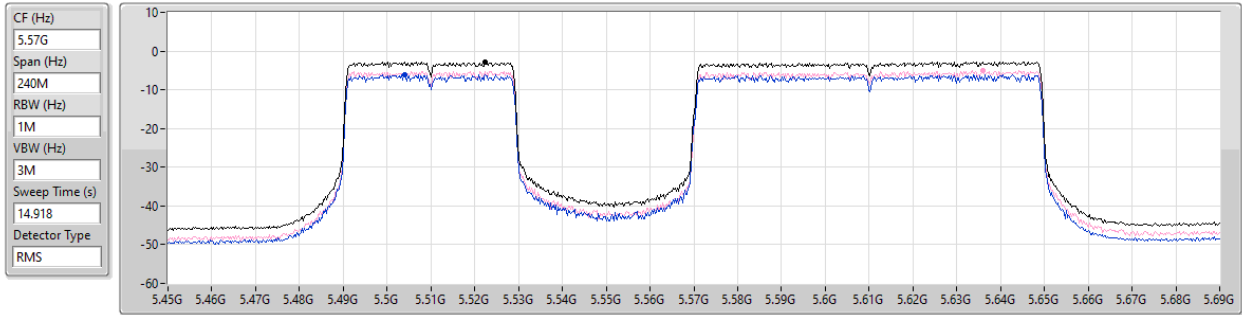
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.08	-0.08	-3.64	-2.59

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

PSD

5570MHz

08/01/2025



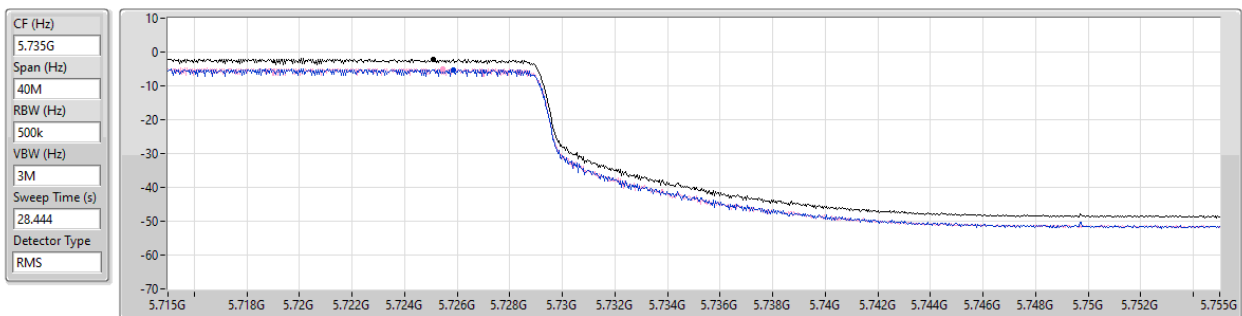
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.76	-2.76	-6.13	-5.04

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

08/01/2025



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.29	-2.29	-5.21	-5.06

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-2.59
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-0.30
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-2.73
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-0.17
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-2.70
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-2.13

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.57	-3.45	-0.53	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.34	-3.25	-0.30	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.37	-3.28	-0.32	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5290MHz	Pass	4.88	-3.49	-3.27	-0.37	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5530MHz	Pass	5.54	-3.74	-3.09	-0.46	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5530MHz	Pass	5.54	-3.66	-3.00	-0.37	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5530MHz	Pass	5.54	-3.63	-3.00	-0.35	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5530MHz	Pass	5.54	-3.62	-2.99	-0.32	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5610MHz	Pass	5.54	-3.44	-2.79	-0.18	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5610MHz	Pass	5.54	-3.44	-2.80	-0.17	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5610MHz	Pass	5.54	-3.46	-2.79	-0.17	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5610MHz	Pass	5.54	-3.74	-2.87	-0.34	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.43	-3.02	-0.31	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.53	-3.19	-0.43	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.43	-2.99	-0.31	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.54	-3.44	-3.02	-0.32	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-5.05	-5.26	-2.16	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-4.98	-5.23	-2.13	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-5.02	-5.25	-2.15	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.84	-44.19	-43.47	-41.63	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.62	-5.55	-2.64	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.67	-5.43	-2.62	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.60	-5.45	-2.59	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.04	-5.84	-2.97	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.03	-5.68	-2.92	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.00	-5.69	-2.92	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.14	-5.71	-3.01	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.16	-5.68	-3.01	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.93	-5.97	-2.99	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.83	-6.02	-2.97	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-5.77	-5.57	-2.76	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.30	-6.85	-6.35	-3.66	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.08	-5.53	-2.83	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-5.97	-5.55	-2.78	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-5.96	-5.42	-2.73	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.49	-5.93	-3.25	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.77	-5.88	-3.31	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.46	-5.79	-3.15	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.60	-5.81	-3.24	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.59	-5.80	-3.22	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.34	-5.93	-3.16	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.20	-5.77	-3.02	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-6.74	-5.71	-3.22	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.88	-7.25	-6.90	-4.11	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.33	-5.46	-2.92	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.18	-5.41	-2.83	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-7.13	-5.89	-3.51	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.08	-5.32	-2.70	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.08	-5.32	-2.73	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.09	-5.33	-2.73	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.12	-5.33	-2.73	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.22	-5.33	-2.80	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.39	-5.41	-2.91	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.48	-5.58	-3.05	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-
5570MHz	Pass	5.54	-6.93	-5.59	-3.26	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5570MHz	Pass	5.54	-6.47	-5.61	-3.07	11.00

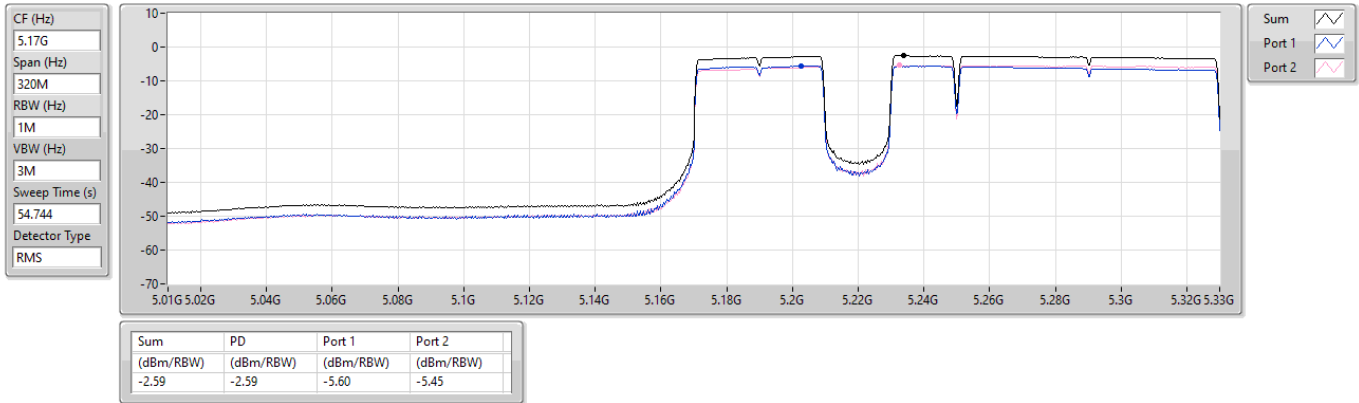
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

21/11/2024

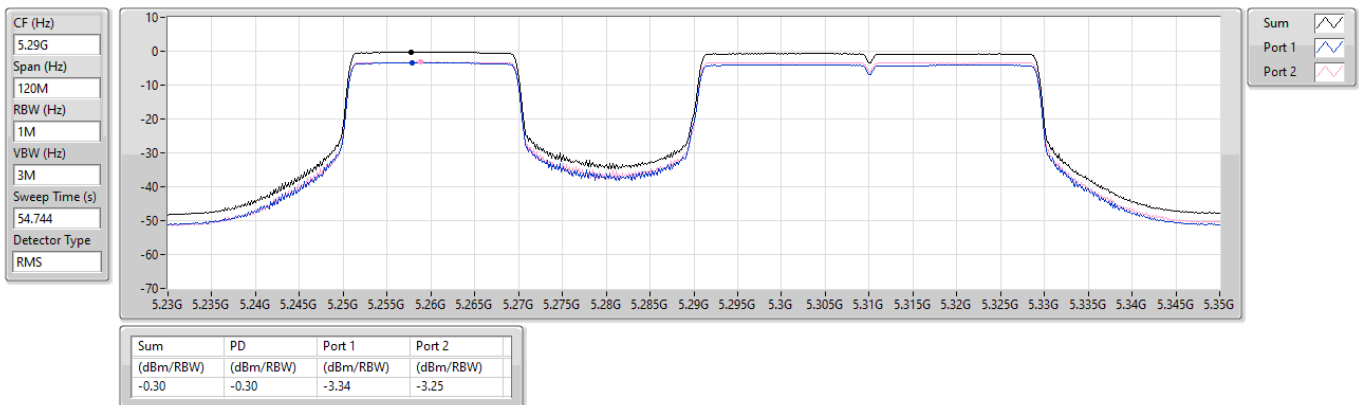


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

PSD

5290MHz

21/11/2024

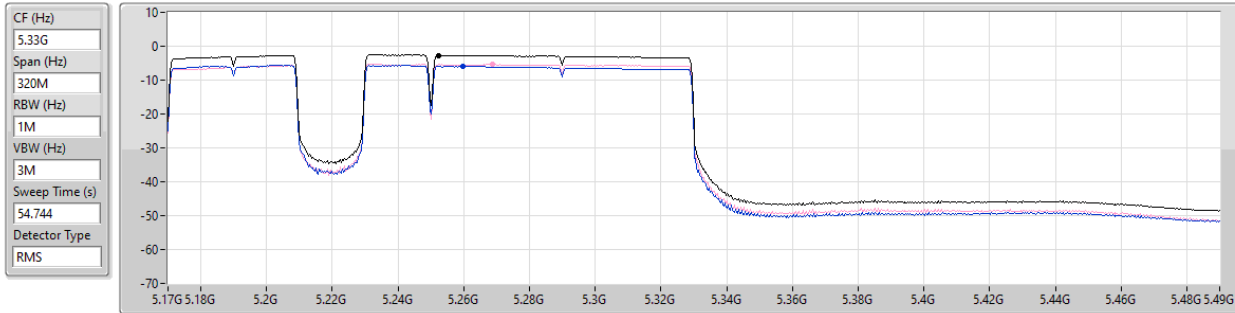


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

21/11/2024



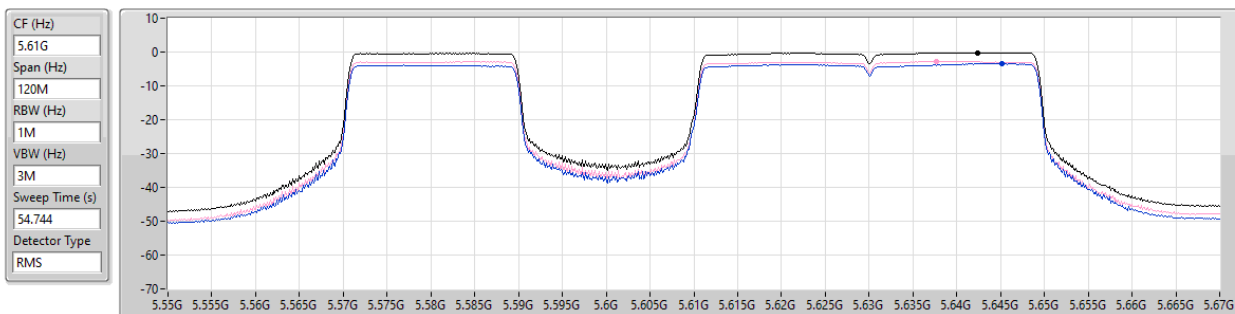
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.73	-2.73	-5.96	-5.42

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

PSD

5610MHz

21/11/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-3.44	-2.80

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX

PSD

5570MHz

21/11/2024

CF (Hz)
5.57G

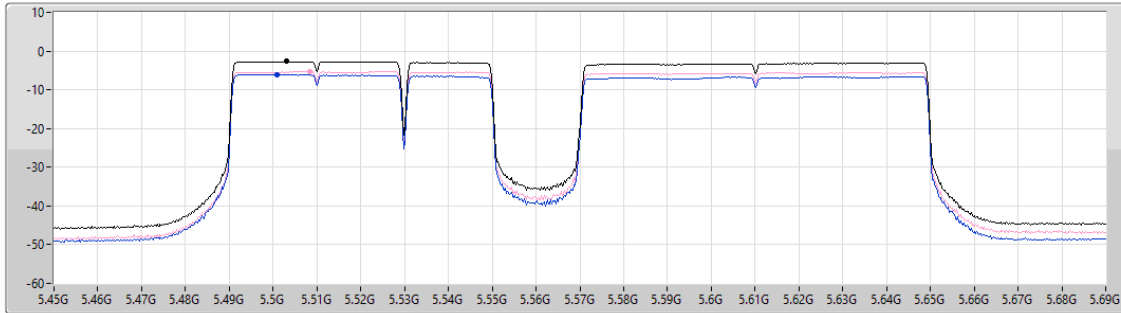
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.70	-2.70	-6.08	-5.32

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

21/11/2024

CF (Hz)
5.735G

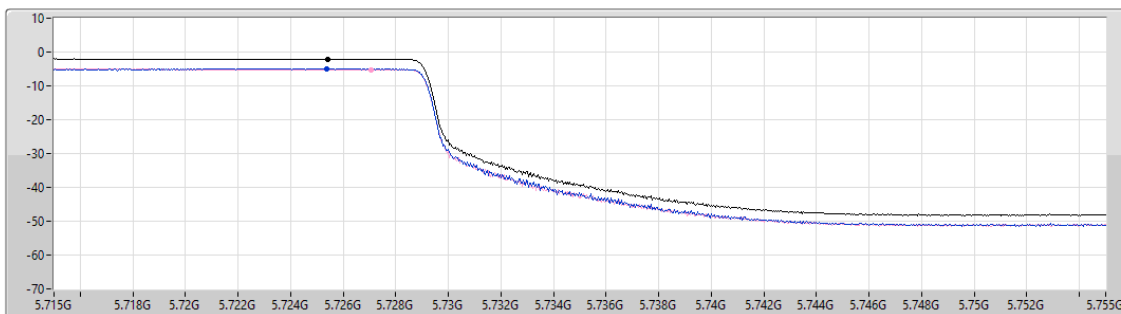
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.13	-2.13	-4.98	-5.23



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX	-2.42
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.42
802.11be EHT20_Nss1,(MCS0)_2TX	6.83
802.11be EHT40_Nss1,(MCS0)_2TX	3.68
802.11be EHT80_Nss1,(MCS0)_2TX	0.65
802.11be EHT160_Nss1,(MCS0)_2TX	-2.52
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.72
802.11be EHT20_Nss1,(MCS0)_2TX	6.97
802.11be EHT40_Nss1,(MCS0)_2TX	3.82
802.11be EHT80_Nss1,(MCS0)_2TX	0.83
802.11be EHT160_Nss1,(MCS0)_2TX	-2.32
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.94
802.11be EHT20_Nss1,(MCS0)_2TX	5.25
802.11be EHT40_Nss1,(MCS0)_2TX	2.17
802.11be EHT80_Nss1,(MCS0)_2TX	-1.08

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.75	4.56	4.34	7.42	9.25
5300MHz	Pass	7.75	4.38	4.33	7.32	9.25
5320MHz	Pass	7.75	4.48	4.36	7.41	9.25
5500MHz	Pass	8.37	4.21	4.51	7.30	8.63
5580MHz	Pass	8.37	4.72	4.82	7.72	8.63
5700MHz	Pass	8.37	4.57	4.66	7.56	8.63
5720MHz Straddle 5.47-5.725GHz	Pass	8.37	4.31	4.46	7.34	8.63
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	2.87	3.07	5.94	27.97
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.75	3.91	3.76	6.83	9.25
5300MHz	Pass	7.75	3.62	3.64	6.62	9.25
5320MHz	Pass	7.75	3.77	3.73	6.74	9.25
5500MHz	Pass	8.37	3.42	3.82	6.63	8.63
5580MHz	Pass	8.37	3.88	4.04	6.97	8.63
5700MHz	Pass	8.37	3.89	4.01	6.94	8.63
5720MHz Straddle 5.47-5.725GHz	Pass	8.37	3.65	3.82	6.68	8.63
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	2.21	2.31	5.25	27.97
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.75	0.78	0.61	3.68	9.25
5310MHz	Pass	7.75	0.78	0.57	3.62	9.25
5510MHz	Pass	8.37	0.66	0.77	3.64	8.63
5550MHz	Pass	8.37	0.74	0.63	3.65	8.63
5670MHz	Pass	8.37	0.95	0.69	3.82	8.63
5710MHz Straddle 5.47-5.725GHz	Pass	8.37	0.70	0.74	3.72	8.63
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	-0.79	-0.85	2.17	27.97
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.75	-2.27	-2.38	0.65	9.25
5530MHz	Pass	8.37	-2.42	-2.46	0.49	8.63
5610MHz	Pass	8.37	-2.07	-2.24	0.83	8.63
5690MHz Straddle 5.47-5.725GHz	Pass	8.37	-2.37	-2.29	0.61	8.63
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	-3.96	-4.11	-1.08	27.97
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.24	-5.17	-5.60	-2.42	8.76
5250MHz Straddle 5.25-5.35GHz	Pass	7.75	-5.40	-5.46	-2.52	9.25
5570MHz	Pass	8.37	-5.22	-5.31	-2.32	8.63

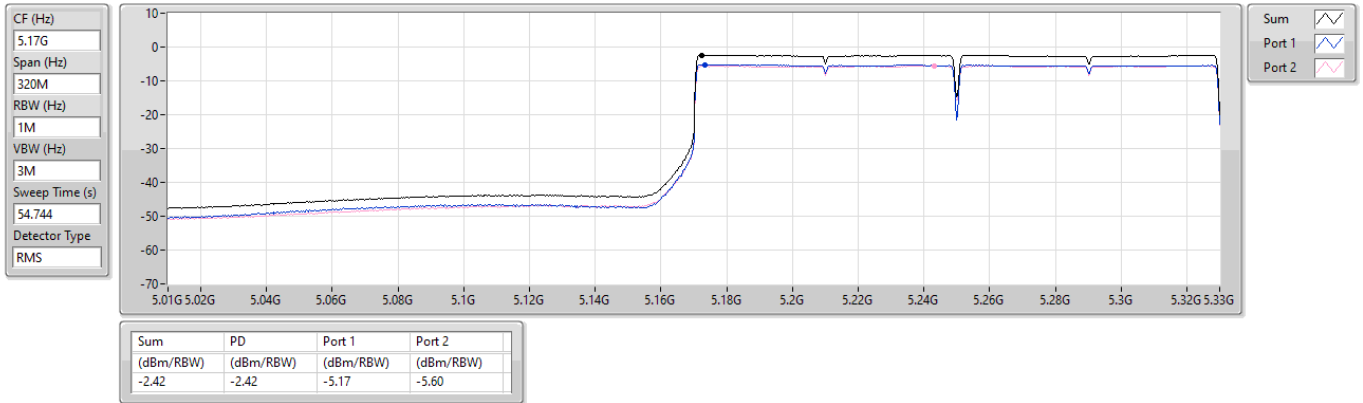
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

03/12/2024



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

03/12/2024

